

Bassett Creek Watershed Management Commission 2012 Annual Report



**Crystal • Golden Valley • Medicine Lake • Minneapolis
Minnetonka • New Hope • Plymouth • Robbinsdale • St. Louis Park**



May 2013

**Bassett Creek Watershed Management Commission
2012 Annual Report**

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Cover photo: Sweeney Lake Outlet Project, Golden Valley, Minnesota
(Photo credit: Barr Engineering Company)

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Executive Summary



Executive Summary: 2012 Annual Report

BCWMC's 2012 Activities & Achievements

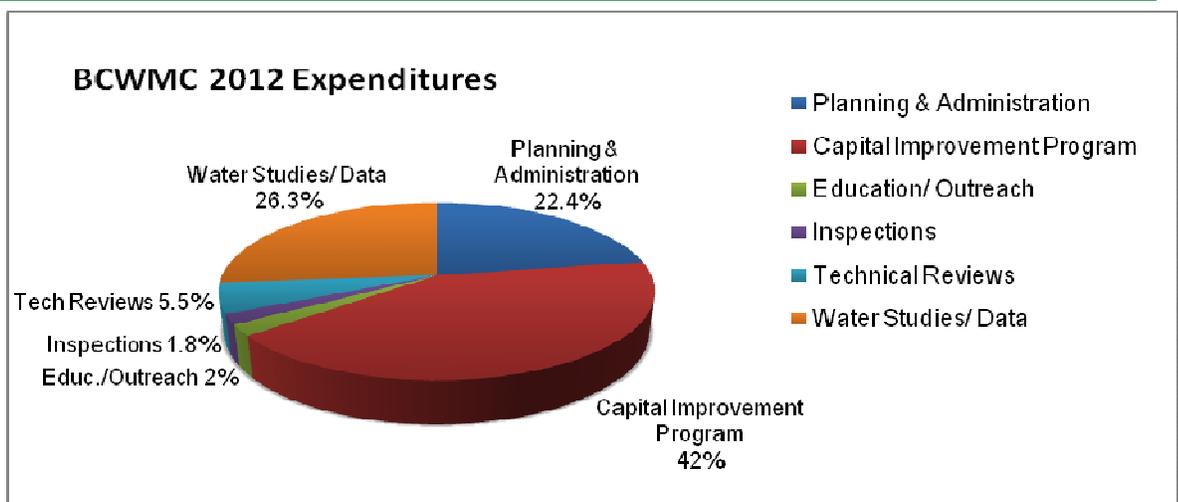
The Executive Summary highlights the Bassett Creek Watershed Management Commission's work and accomplishments during its fiscal year 2012 (February 1, 2012 - January 31, 2013) in the following areas: capital improvements program, water quality activities, education activities, and the Next Generation Watershed Management Plan, which is being developed for approval and adoption in 2014 per the schedule set by the Minnesota Board of Water and Soil Resources (BWSR). The BCWMC's activities and projects are guided by its *Watershed Management Plan (Plan)*. The most recent version of its *Plan* was approved by BWSR and adopted by the BCWMC in 2004.

Capital Improvements Program (CIP)

The BCWMC continued to implement its capital improvements program. The 2012 achievements included:

- Completion of two streambank restoration projects: 1) Main Stem Channel, Crystal border to Regent Ave., in Golden Valley and Crystal—total project cost was \$636,100; and 2) Plymouth Creek, Medicine Lake to 26th Ave, in Plymouth—total project cost, less wetland monitoring, was \$933,600. Both projects received BWSR Clean Water Fund (CWF) grants. The projects will control erosion, reduce the contribution of sediment and phosphorus carried by the creeks to downstream waters, and provide riparian habitat.
- Substantial completion of two outlet projects: 1) Wirth Lake Outlet Modification Project, in Golden Valley—the total estimated project cost is \$180,000; and 2) Sweeney Lake Outlet Replacement Project, in Golden Valley—the total estimated project cost is \$250,000. The Wirth Lake outlet project received a BWSR CWF grant.
- Continuing/beginning work on three other streambank restoration projects: 1) Main Stem Channel, Wisconsin Avenue to Rhode Island Avenue, and Duluth Street to the Golden Valley – Crystal boundary, in Golden Valley—the total estimated project cost is \$580,200; 2) North Branch of Bassett Creek, 32nd Avenue North to Douglas Drive North, in the City of Crystal—the total estimated project cost is \$834,900; and 3) Main Stem Channel – Golden Valley Road to Irving Avenue North –in Golden Valley and Minneapolis—the total estimated project cost is \$856,000; the BCWMC received a BWSR CWF grant for this project.
- Completed a feasibility study for the Four Seasons Mall Area Water Quality Project in Plymouth.
- BWSR approval and BCWMC adoption of, respectively, a minor plan amendment to revise BCWMC project NL-2 in the BCWMC's 10-year CIP. Per the amendment, the project name was changed to Four Seasons Mall Area Water Quality Project.

The BCWMC's 2012 expenditures are illustrated in the adjacent chart. For an itemization or more information on the BCWMC's 2012 expenditures, see the Financial Information Appendix of the annual report.



The Bassett Creek Watershed Management Commission (BCWMC) is governed by a board composed of representatives from each of the nine member cities: Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, St. Louis Park, and Robbinsdale. Representatives are appointed by their cities and serve three-year terms on the board.



Water Quality Activities

In 2012, the BCWMC implemented the following water quality activities:

- Participated in Metropolitan Council Environmental Services' Citizen-Assisted Monitoring Program (CAMP) for seven lakes;
- Conducted biotic index monitoring at seven sites on Bassett Creek;
- Participated in the Upper Mississippi River Bacterial TMDL with representatives on the stakeholder and TAC groups;
- Performed continuous stream monitoring on Bassett Creek, in cooperation with the Metropolitan Council Environmental Services and the Minneapolis Park and Recreation Board (WOMP station); and,
- Participated in Hennepin County's River Watch program by funding monitoring of Bassett Creek for benthic invertebrates, which are indicators of stream health.

Education Activities

In 2012, the BCWMC implemented the following education-related activities:

- Participated in a watershed education alliance with three neighboring WMOs, Hennepin County, the Freshwater Society, the Three Rivers Park District, and several metro-area cities to collaborate on education efforts;
- Provided watershed education to the public at the following events - Plymouth Yard/Garden Expo, Plymouth Environmental Quality Fair, and Golden Valley Days;
- Provided native plant seed packets at watershed education events and at displays in member city halls;
- Partnered with Blue Thumb, a local program that educates homeowners on ways to reduce runoff from home yardscapes;
- Participated in Metro WaterShed Partners, including the Minnesota Waters "Let's Keep Them Clean" media campaign.

2014 "Next Generation" Watershed Plan Activities

- Set up Plan Steering Committee comprising Commission members, Technical Advisory Committee members, and a resident and initiated monthly meetings;
- Developed a plan process timeline;
- Reviewed compilation of issues to be addressed in the plan process;
- Completed a gaps analysis;
- Notified the Plan Reviewers (as identified by BWSR) and local units of government of the plan update project and requested feedback;
- Developed a public participation process; and
- Held a public workshop to develop the BCWMC's vision statement.

I. Annual Activity Report

I. Annual Activity Report

This annual report covers the Bassett Creek Watershed Management Commission's (BCWMC) activities for fiscal year 2012 (February 1, 2012—January 31, 2013). The BCWMC Annual Report was prepared to meet the Annual Reporting Requirements as set forth in Minnesota Rules Chapter 8410.0150, subparts 1, 2, and 3.

A. 2012 Commissioners

Municipality / Term Expiration	Commissioners	Alternates
Crystal February 1, 2015	Daniel Johnson 5801 29 th Avenue North Crystal, MN 55422 763-541-9006 danjohnson57@hotmail.com	Guy Mueller 2703 Brookridge Avenue N. Crystal, MN 55422 763-218-6418 guymueller1@gmail.com
Golden Valley February 1, 2015	Stacy Hoschka, Treasurer 6400 Golden Valley Road Golden Valley, MN 55427 763-529-4723 Harwell.hoschka@gmail.com	David Hanson 1030 Angelo Drive Golden Valley, MN 55422 763-588-1478 davewhanson@gmail.com
Medicine Lake February 1, 2015	Ted Hoshal, Secretary 6960 Madison Avenue West, Suite 2 Minneapolis, MN 55427-3627 763-541-1140 dthoshal@luma-gard.com	John O'Toole 181 Peninsula Road Medicine Lake, MN 55441-4113 mhgo@comcast.net
Minneapolis February 1, 2013	Michael Welch 212 Thomas Avenue S. Minneapolis, MN 55405 612-385-6885 mjewelch@gmail.com	Lisa Goddard 214 Logan Avenue North Minneapolis, MN 55405 763-475-0010 lgoddard@srfconsulting.com
Mnetonka February 1, 2013	Jacob Millner 2300 Nottingham Court Mnetonka, MN 55305 jbmiller@gmail.com	Tony Wagner 1804 Traymore Road Mnetonka, MN 55305 952-512-1817 twagner@eminnetonka.com
New Hope February 1, 2013	John Elder City of New Hope 4401 Xylon Ave. N. New Hope, MN 55428 763-531-5100 jelder@ci.new-hope.mn.us	Pat Crough 9320 46 th Avenue North New Hope, MN 55428 763-533-3802 (office) 612-741-7045 (cell)
Plymouth February 1, 2014	Ginny Black, Chair Plymouth City Hall 3400 Plymouth Blvd Plymouth 55447 763-509-5004 gblack@plymouthmn.gov	Judy Johnson Plymouth City Hall 3400 Plymouth Blvd Plymouth 55447 763-509-5001 jjohnson@plymouthmn.gov
Robbinsdale February 1, 2014	Wayne Sicora 3706 Abbott Ave. North Robbinsdale 55422 763-532-8165 Wayne.sicora@gmail.com	Vacant
St. Louis Park February 1, 2014	Jim de Lambert, Vice Chair 9257 West 22 nd Lane St. Louis Park, MN 55426 763-489-3150 jimd@liesch.com	Justin Riss 3732 Penn Ave S. St. Louis Park 55426 justinriss@yahoo.com

B. BCWMC Staff and Consultants

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C. BCWMC Goals and 2012 Work Activities

Description of Overall Goals

The BCWMC's general goals fall under the categories of water quality, flood control, erosion and sediment control, stream restoration, wetland management, groundwater, public ditches, and public involvement and information. The goals are to:

- Manage the water resources of the watershed, with input from the public, so that the beneficial uses of wetlands, lakes, and streams remain available to the community.
- Improve the quality of stormwater runoff reaching the Mississippi River by reducing the nonpoint source pollution (including sediment) carried as stormwater runoff.
- Protect and enhance fish and wildlife habitat and maintain shoreland integrity.
- Reduce flooding along the Bassett Creek trunk system which is defined as:
 - a. The main channel from Medicine Lake to the Mississippi River.
 - b. The North Branch from upstream of County Road 9 to its junctions with the Main Stem near T.H. 100.
 - c. The Sweeney Lake Branch, from its source in Section 5, T29N, R21W to its junction with the Main Stem downstream of Sweeney Lake.
 - d. Plymouth Creek, from the point where it intersects with Highway 55 in Section 17, T228N, R22W to Medicine Lake, including the lake.
 - e. The designated water quantity and water quality storage facilities.
 - f. All other drains designated as trunks by the BCWMC.
- Protect human life, property, and surface water systems that could be damaged by flood events.
- Regulate stormwater runoff discharges and volumes to minimize flood problems, flood damages, and the future costs of stormwater management systems.
- Provide leadership and assist member cities with coordination of intercommunity stormwater runoff planning and design.
- Prevent erosion and sedimentation to the greatest extent possible to protect the BCWMC's water resources from increased sediment loading and associated water quality problems.

- Implement soil protection and sedimentation controls whenever necessary to maintain health, safety, and welfare.
- Implement stream restoration measures whenever necessary to maintain health, safety, and welfare.
- Maintain or enhance the natural beauty and wildlife habitat value of Bassett Creek.
- Achieve no net loss of wetlands in the BCWMC, in conformance with the Minnesota Wetland Conservation Act (WCA) and associated rules.
- Protect the quantity and quality of groundwater resources.
- Manage public ditches in a manner that recognizes their current use as urban drainage systems.
- Raise awareness of the watershed's existence and the role that the BCWMC plays in protecting water quality and preserving the watershed's health and aesthetics.
- Enable the target audiences to have confidence in the BCWMC's expertise and participate in a meaningful way in the planning process and ongoing projects conducted by the BCWMC.
- Raise awareness of the impact that individuals, businesses, and organizations have upon water quality and motivate these audiences to change personal/corporate behavior that has a negative impact on water quality and the watershed.

2012 Work Activities Completed

In addition to the activities described in the Executive Summary, the BCWMC conducted the following activities in 2012. Work associated with review of development proposals is listed in Section E. Work related to water quality monitoring is addressed in Section F.

Capital Improvements Program (CIP)—The BCWMC continued to implement its capital improvements program. In 2012, these achievements included:

1. Progress on CIP projects. The following CIP projects were completed or underway in 2012:
 - Bassett Creek Main Stem streambank restoration project in the cities of Golden Valley and Crystal, from the Crystal-Golden Valley border to Regent Avenue. This project was completed in September 2012.
 - Plymouth Creek streambank restoration project in Plymouth, from 26th Ave N to Medicine Lake. This project was completed in January 2012.
 - Bassett Creek Main Stem streambank restoration project in Golden Valley, from Wisconsin Avenue to Rhode Island Avenue and from Duluth Street to the Golden Valley – Crystal boundary. Project construction is underway.
 - North Branch of Bassett Creek streambank restoration project in the City of Crystal, from 32nd Avenue North to Douglas Drive North. Project construction is underway.
 - Wirth Lake Outlet Modification Project in Golden Valley. This TMDL implementation project will improve Wirth Lake water quality by preventing backflow of water from Bassett Creek into Wirth Lake. Construction on the new outlet was substantially completed in November 2012. The new outlet consists of a concrete structure containing two rubber check valves.
 - Sweeney Lake Outlet Replacement Project in Golden Valley. The new outlet was substantially complete in November 2012. This project was funded using BCWMC flood control project long term maintenance funds.
 - Main Stem channel restoration, Golden Valley Rd. to Irving Avenue N. (Cedar Lake Rd.), in Minneapolis and Golden Valley. This project is currently underway.

- Completed a feasibility study for the Four Seasons Mall Area Water Quality Project in Plymouth.
- A minor plan amendment was submitted to, and approved by, BWSR and adopted by the BCWMC in 2012 to revise project NL-2 in the BCWMC's 10-year CIP (Table 12-2): Dredge Pond NB-07 (Option 2 in Northwood Lake Plan). Per the minor plan amendment, the BCWMC changed the name of the project to Four Seasons Mall Area Water Quality Improvement Project (2013).

At their September 20, 2012 meeting, the BCWMC passed resolution 12-08 approving the minor plan amendment.

- At their September 20, 2012 meeting, the BCWMC passed resolution 12-09 ordering construction of the BCWMC's 2013 CIP projects: the Four Seasons Mall Area Water Quality Project in Plymouth and the Lakeview Park Pond Project in Golden Valley.

2. BWSR Clean Water Fund Grant Administration:

- a. Signing a grant agreement, and preparing and gaining approval of a work plan for the BCWMC's Main Stem channel restoration project, Golden Valley Rd. to Irving Avenue N. (Cedar Lake Rd.), in Minneapolis and Golden Valley.

- b. Submitting project updates, reports, etc. for the BWSR Clean Water Fund Grants for the following BCWMC CIP projects:

- i. Main Stem channel restoration, Crystal border to Regent, in Golden Valley and Crystal
- ii. Plymouth Creek restoration, Medicine Lake to 26th Ave N, in Plymouth
- iii. Wirth Lake outlet modification, in Golden Valley
- iv. Main Stem channel restoration, Golden Valley Rd. to Irving Avenue N. (Cedar Lake Rd.), in Minneapolis and Golden Valley

- c. Closing out the Clean Water Fund 2010 Grants for the following BCWMC CIP projects:

- i. Main Stem channel restoration, Crystal border to Regent, in Golden Valley and Crystal

ii. Plymouth Creek restoration, Medicine Lake to 26th Ave N, in Plymouth

The BCWMC's 10-year capital improvements plan and potential future water quality capital improvements plan are included in the BCWMC *Watershed Management Plan* (September 2004). The table listing the BCWMC's capital improvement projects, updated to include all of the plan amendments, is appended.

- **Watershed Management Plan**—In 2012 the BCWMC implemented its Capital Improvements Program and its annual water quality and flood control programs as described in the BCWMC's *Watershed Management Plan*. Additionally, the BCWMC undertook a minor plan amendment for its proposed CIP project listed in the Plan's Table 12-2 as NL-2 and renamed as the Four Seasons Mall Area Water Quality Project. The goal of the 2013 project in the City of Plymouth is to reduce the phosphorous loadings to Northwood Lake by 73 pounds per year. The BCWMC held a public meeting on the proposed amendment at its July 19th meeting and continued the public meeting at the BCWMC's September 20th meeting. At the September 20th meeting, the BCWMC adopted Resolution 12-08 approving the watershed plan amendment.
- **Next Generation Watershed Management Plan**—In 2012, the BCWMC:
 - Set up the Plan Steering Committee comprised of Commission members, Technical Advisory Committee members, and a resident and initiated monthly meetings of the committee;
 - Notified the Plan Reviewers (as identified by BWSR) and local units of government of the plan update project and requested feedback;
 - Developed a public participation process;
 - Held a public workshop to develop the BCWMC's vision statement.
 - Developed a plan process timeline;
 - Reviewed a compilation of issues to be addressed in the plan process; and
 - Completed a gaps analysis;
- **Watershed-wide XP-SWMM Model**—In 2012, the BCWMC worked on updating the current Bassett Creek watershed hydrologic and hydraulic (H & H) models to XP-SWMM.

XP-SWMM incorporates hydrology and hydraulics and deals effectively with issues such as backwater and more complex outlet structures. The updated model will allow the Commission to evaluate the impact of structure modifications and other projects on the creek and other major waterbodies in the watershed. In the future, newer and/or more detailed XPSWMM models performed by others (e.g., the cities) could be integrated into the Commission's updated H & H model, further increasing the usefulness of the model to the Commission and the member cities. The updated H & H model could also be used to help the Commission evaluate/understand potential flooding risks (e.g., spring snowmelt).

- **Watershed-wide P8 Water Quality Model**—In 2012, the BCWMC worked on updating the current Bassett Creek watershed water quality modeling. The water quality modeling of a significant portion of the watershed was completed with an older version of the P8 Model, with best management practice (BMP) information that is representative of the treatment conditions fifteen to twenty years ago. Some major subwatersheds were updated to current land use and runoff drainage/BMP conditions when more detailed modeling was needed for Total Maximum Daily Load (TMDL) studies.

The updated P-8 water quality model will provide a key tool for the Commission to use in tracking the progress of the BCWMC and the MS4s towards TMDL implementation for impaired water bodies, not only within BCWMC, but also downstream of Bassett Creek. When projects are proposed and/or completed, the updated P8 model could be used to estimate the loading reduction that will be achieved by the projects. The updated P8 model could also be used to evaluate the effect of proposed projects, such as projects that come under Commission review and Commission CIP projects. The member cities could also use the model to evaluate individual BMPs in their cities.

Impaired Waters and Total Maximum Daily Loads (TMDL) Studies

The following water bodies in the Bassett Creek Watershed were listed in the Minnesota Pollution Control Agency's (MPCA) 2012 "*Inventory of Impaired Waters*". The inventory includes listings of (1) impaired waters that require the development of a TMDL study, (2) impaired waters that have an approved TMDL study, but are not yet meeting water quality standards, and (3) impaired waters from natural causes that do not require a TMDL study. The inventory is available at the MPCA's Impaired Waters website: <http://www.pca.state.mn.us/water/tmdl/tmdl-303dlist.html>.

Water Body (Lake/River ID #)	Pollutant or Stressor (Year of Listing)
Bassett Creek from Medicine Lake to Mississippi River (07010206-538)	Fish bioassessments (2004) Fecal coliform (2008) Chloride (2010)
Sweeney Lake (27-0035-01)	Nutrient/Eutrophication Biological indicators (2004)
Wirth Lake (27-0037-00)	Nutrient/Eutrophication Biological indicators (2002) Mercury in fish tissue (1998) ¹
Medicine Lake (27-0104-00)	Nutrient/Eutrophication Biological indicators (2004) Mercury in fish tissue (2004) ¹
Parkers Lake (27-0107-00)	Mercury in fish tissue (1998)
Northwood Lake (27-0627-00)	Nutrient/Eutrophication Biological indicators (2004)

¹ The MPCA completed a statewide mercury TMDL that was approved 2007

- Bassett Creek Fish Bioassessment Listing**—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters, the Main Stem of Bassett Creek, from Medicine Lake to the Mississippi River, was listed as impaired for fish (biota). In response to this listing, the MPCA completed fish sampling of the creek in 2008. The MPCA is currently reviewing the existing biota standards/listing criteria. The TMDL will be completed as part of the future watershed-wide TMDL (see “Watershed-wide TMDL”).
- Bassett Creek Fecal Coliform Listing** —In the 2008 Final TMDL List Inventory of all Impaired Waters, Bassett Creek, from Medicine Lake to the Mississippi River, was listed as impaired for fecal coliform. In response to this listing, the BCWMC and the MPCA cooperating in collecting and analyzing E. coli samples of Bassett Creek between July 2008 and June 2010. The samples confirmed the presence of E. coli bacteria. The Bassett Creek watershed is included in the Upper Mississippi River Bacteria TMDL project, which is currently underway. Additional data for the Upper Mississippi River E. coli TMDL was collected in 2010 and 2011, and identification of the likely sources of bacteria pollution began in 2011 and will continue in 2012. Stakeholder meetings will also continue in 2012. The draft TMDL report is expected sometime in 2013. The Upper Mississippi River E. coli TMDL project website maintained by the MPCA is at <http://www.pca.state.mn.us/water/tmdl/project-uppermiss-bacteria.html>.
- Sweeney Lake TMDL Study**—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters, Sweeney Lake was listed as impaired due to excess nutrients (phosphorus). The TMDL was approved on August 10, 2011.
- Wirth Lake TMDL Study**—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters, Wirth Lake was listed as impaired due to excess nutrients (phosphorus in

amounts greater than the state's goal of 40 micrograms per liter). The Wirth Lake TMDL and implementation plan were approved October 25, 2010. The implementation plan identified one project—modifying the Wirth Lake outlet structure to prevent flow from Bassett Creek to Wirth Lake during flood periods—to achieve the annual load reductions prescribed in the TMDL. The Wirth Lake Outlet Modification Project is estimated to reduce phosphorus loading to the lake by an average of 55 pounds per year. The project was substantially completed in November 2012.

- **Medicine Lake TMDL Study**—In the *Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters*, Medicine Lake was listed as impaired due to excess nutrients (phosphorus). The TMDL and implementation plan were approved on February 8, 2011.
- **Watershed-wide TMDL**—In 2011, the MPCA indicated that funding for a watershed-wide TMDL for the Bassett Creek watershed would be available in 2020 or later. The watershed-wide TMDL would cover the current Bassett Creek and Northwood Lake impairments, along with any future listings between now and 2020.
- **TMDL Implementation Reporting**— Although the BCWMC is not a MS4, the Wirth Lake, Medicine Lake, and Sweeney Lake TMDLs assigned the BCWMC a role in the implementation of the TMDLs. For example, the Medicine Lake TMDL calls for the BCWMC to serve as the “convener of action for the categorical TMDL, but not as a responsible entity.” The BCWMC’s interpretation of this role is that the BCWMC should track implementation of the TMDLs, which would likely include the following tasks:
 - Reporting on TMDL implementation activities to the MPCA. TMDL progress reports will be due one year after the MPCA issues the new MS4 permit. However, the new MS4 permit was not issued in 2012, so the BCWMC did not develop the implementation reports. The new MS4 permit will likely be issued between June and August 2013, which means the TMDL progress reports will be due one year after that, in 2014.
 - Estimating and reporting progress towards achieving the assigned wasteload allocations. The BCWMC’s watershed P8 model, slated for completion in 2013, will be an essential tool for estimating reductions in phosphorus loading.
 - Monitoring lake water quality on an annual basis. See Section F “2012 Water Quality Monitoring Data and Studies” regarding monitoring of these lakes in 2012.

Capital Improvement Project (CIP) Reserve Account. In 2005 the BCWMC established a \$250,000 reserve fund to address shortages in available funding in any given year for construction of water quality CIP projects. The BCWMC agreed to revisit the reserve account policy each year. In 2012 the BCWMC made no changes to the policy.

Annual Report—The BCWMC prepared the 2011 Annual Report as set forth in the Minnesota Rules Chapter 8410.0150. The report was submitted to the Board of Water and Soil Resources and is available online at the Bassett Creek Watershed Management Commission website at <http://www.bassettcreekwmo.org>.

Citizen Involvement— The BCWMC encourages citizen participation, including providing an opportunity at each monthly BCWMC meeting for the Commission to hear citizen-input about agenda and non-agenda items. The BCWMC posts its meeting calendar, upcoming meeting agendas, meeting materials, and previous meeting minutes on its website (www.bassettcreekwmo.org) to provide citizens an opportunity to attend BCWMC and BCWMC Committee meetings and to monitor BCWMC actions. The BCWMC notified the public and the member cities of and held public meetings on July 19 and September 20, 2012, to receive comments on the proposed minor plan amendment to the BCWMC's *Watershed Management Plan*. Also, the BCWMC notified the public and the member cities and held a public hearing on September 20, 2012, regarding the proposed CIP projects NL-2, the Four Seasons Mall Area Water Quality Project in the City of Plymouth, and ML-8, the Lakeview Park Pond project in the City of Golden Valley. Additionally, the BCWMC held a public workshop on December 20th to create a mission statement for the BCWMC.

Water Quantity—The BCWMC continued its lake- and stream-gauging program. The lake-gauging program consisted of collecting lake-level readings at Medicine Lake, Sweeney Lake, Parkers Lake, Westwood Lake, Crane Lake (Ridgedale Pond), Northwood Lake and the Theodore Wirth Park storage area (upstream of the Highway 55 control structure). Lake levels were measured twice per month between April and September, and once per month taken outside this period.

The stream-gauging program consisted of periodically surveying stages or inspecting the creek during periods of high flow. The BCWMC also participated with the Metropolitan Council and Minneapolis Park and Recreation Board on the watershed outlet monitoring program (WOMP) designed to continuously monitor flow and water quality.

Watershed Inspection—The BCWMC performed monthly erosion control inspections of construction sites within the watershed. Following each inspection, a letter was prepared and sent to

the applicable municipality listing construction projects and the improvement needed for effective erosion control. The inspections were performed April through October.

Flood Control Project Inspection—On October 30-31 and November 5, 2012, the BCWMC performed the annual flood control project inspection. The previous inspection took place in 2010. The condition of the flood control features were inspected and any erosion, settlement, sedimentation, and structural issues were recorded, compiled into a report, and reported to the Commission at its December 20, 2012, meeting. The BCWMC distributed its findings and recommendations to the Minnesota Department of Natural Resources, the Army Corps of Engineers, and staff at the BCWMC member cities.

Development Proposals—The BCWMC reviewed 37 development proposals in the watershed for conformance to water quality and flooding policies. The BCWMC reviewed 32 development proposals in 2011, and 28 development proposals in 2010. See Section E: Project Reviews.

Review of Adjacent WMO Plans/Plan Amendments—In 2012, the BCWMC did not receive any requests to review plans or plan amendments for any adjacent WMOs.

Technical Advisory Committee—Technical Advisory Committee meetings are open to the public and the meeting times and dates are posted on the BCWMC’s website as well as at the BCWMC’s official notice posting site of Golden Valley City Hall. The BCWMC directed its Technical Advisory Committee (TAC) to meet four times during the 2012 fiscal year (March 1, April 5, September 6, and January 3) to review and work on the following items:

1. Creation of the BCWMC’s Capital Improvement Program for 2015-2019, including projects to be added to it and the Commission’s annual timeline for updating it;
2. Development of a revised BCWMC budget document;
3. Development of a flow chart for the Capital Improvement Program (CIP) process and recommendations for changes to the process to be adopted in 2012 by the BCWMC;
4. Revision of the BCWMC’s CIP table, development of a new summary table, and a map of the CIP projects;
5. Review and make recommendations on the BCWMC’s 2014-2018 CIP;
6. Review and make recommendations on member cities’ post-construction best management practices requirements (and review “triggers”), potential changes to water quality policies pertaining to nutrient loading increases and a water quality banking/trading program;
7. Review and make recommendations on the Next Generation Plan and planning process;

Resolutions—The BCWMC passed 11 resolutions in fiscal year 2012. Copies of the resolutions are included in Appendix B.

D. 2013 Projected Work Plan

Following is a list of tasks to be completed during 2013:

- **Capital Improvements Program (CIP)**—The BCWMC will continue to implement its capital improvements program. In 2013, this work will include:
 1. Capital Improvement Program and Prioritization—The BCWMC will review and update its capital improvement program and its water resource prioritization. The CIP is included in the report appendices.
 2. Progress on CIP projects:
 - Restore North Branch, 36th Ave to Bassett Creek Park –Crystal—the estimated project cost is \$834,900.
 - Restore Main Stem Channel, Irving Ave (Cedar Lake Rd.), to Golden Valley Road– Minneapolis and Golden Valley—the estimated project cost is \$856,000.
 - Wirth Lake Outlet Modification (TMDL implementation project)—the estimated project cost is \$180,000.
 - Sweeney Lake Outlet Replacement – Golden Valley (funded using flood control project long term maintenance funds)—the estimated project cost is \$250,000.
 - Lakeview Park Pond Project (ML-8) in Golden Valley—the estimated project cost is \$196,000.
 - Four Seasons Mall Area Water Quality Project (NL-2) in Plymouth—the estimated project cost is \$990,000.
 3. Completing feasibility studies for the following BCWMC CIP projects:
 - Project BC-7, Briarwood/Dawnview Area Water Quality Improvement Project in the Main Stem watershed – Golden Valley (proposed 2014 project)
 - Project TW-2, Twin Lake In-lake Alum treatment – Golden Valley (proposed 2014 project)

4. Completing and gaining approval of a major plan amendment to the BCWMC's *Watershed Management Plan* to add to/revise the following projects to Table 12-2 of the Plan (Water Quality Management and Flood Control 10-Year Capital Improvements Program (CIP)):
 - Project SL-3, Schaper Pond Diversion Project (Sweeney Lake TMDL implementation project) – Golden Valley—the estimated project cost is \$550,000.
 - Project TW-2, Twin Lake in-lake alum treatment – Golden Valley—the estimated project cost is \$148,000.
 - Project BC-7, Briarwood/Dawnview Area Water Quality Improvement Project in the Main Stem watershed – Golden Valley—the estimated project cost is \$200,000.

5. BWSR Clean Water Fund Grant Administration:
 - Submitting project updates, reports, etc. for the BWSR Clean Water Fund Grants for the following BCWMC CIP projects:
 - Wirth Lake outlet modification, in Golden Valley.
 - Main Stem channel restoration, Irving Ave to Golden Valley Road, in Minneapolis and Golden Valley.

- **Watershed Management Plan**—In 2013 the BCWMC will implement its Capital Improvements Program and its annual water quality and flood control programs as described in the BCWMC *Watershed Management Plan*. Also, the BCWMC will undertake a major plan amendment to add three projects to its CIP:
 - Adding 2014 project SL-3 (Schaper Pond Diversion Project) in Golden Valley to modify Schaper Pond to improve the pond's ability to remove phosphorous and help meet the Sweeney Lake TMDL goals for phosphorous load reduction;
 - Adding 2014 project BC-7 (Briarwood/Dawnview Area Water Quality Improvement Project) to construct a water quality treatment project in the Main Stem watershed to reduce phosphorous loading to Bassett Creek; and,

- Adding 2014 project TW-2 to provide in-lake alum treatment of Twin Lake to address internal phosphorous loading issues in the lake as the way to prevent further water quality degradation.
- **Next Generation Watershed Management Plan**—In 2013, the BCWMC will continue the planning process for its Next Generation Watershed Management Plan. In 2013, the process will include:
 - Gaining stakeholder input through small group meetings and a large “summit” meeting;
 - Creating, posting, and publicizing on-line survey for public input on watershed issues;
 - Publishing an article;
 - Developing self-assessment of past accomplishments;
 - Reviewing water quality and water quantity monitoring programs and results;
 - Reviewing water quality and water quantity modeling information;
 - Assessing and prioritizing issues;
 - Establishing goals, policies, and strategies;
 - Reviewing standards;
 - Developing education and outreach plan;
 - Developing implementation program; and
 - Developing watershed plan document
- **Watershed-wide XP-SWMM Model**—The BCWMC will complete the updating of the current Bassett Creek watershed hydrologic and hydraulic (H & H) models to XP-SWMM.
- **Watershed-wide P8 Water Quality Model**—The BCWMC will complete the updating of the current Bassett Creek watershed water quality modeling.

- **Water Quantity**—The BCWMC will perform its lake- and stream-gauging program. The lake-gauging program will encompass Medicine Lake, Sweeney Lake, Parkers Lake, Westwood Lake, Crane Lake (Ridgedale Pond), Northwood Lake, Bassett Creek Park Pond and Theodore Wirth Park Storage area upstream of the TH 55 control structure. Two readings per month will be taken during the period April 1 – September 30; one reading per month will be taken outside this period. The stream-gauging program will consist of periodically surveying stages or inspecting the creek during periods of high flow. The program also includes periodic surveys of benchmarks.
- **Watershed Inspections**—The BCWMC will perform its watershed construction-site inspection program. The inspections have proved valuable in correcting erosion- and sediment-control practices that are not in conformance with BCWMC policies.
- **Flood Control Project Inspection**—The BCWMC will perform its annual flood control project inspection program as set forth in the Bassett Creek Flood Control Project Operations and Maintenance Manual.
- **Municipal Plan Review**—This item includes BCWMC review of the member cities' local water management plans and plan amendments, and BCWMC review of adjacent WMO plans and plan amendments.
- **Water Quality**—Proposed water quality tasks for 2013 include performance of the following:
 1. ***Water Quality Monitoring***: The BCWMC will perform detailed water quality monitoring of Northwood Lake in New Hope, North Rice Pond in Robbinsdale, and South Rice Pond in Robbinsdale and Golden Valley. This work is done on a 4-year revolving cycle and consists of collecting six samples throughout the summer and fall. In addition to collection of samples for chemical analysis, phytoplankton and zooplankton samples will be collected and analyzed, and an aquatic plant survey will be performed on two occasions.
 2. ***Citizens Assisted Monitoring Program (CAMP)***: The program is managed by the Metropolitan Council Environmental Services (MCES). The lake-gauging program will include lake monitoring through CAMP. Volunteer citizens will monitor the following lakes in 2013: Twin Lake and Sweeney Lake in Golden Valley, two sites of Medicine

Lake in the cities of Medicine Lake and Plymouth, Northwood Lake in New Hope, Westwood Lake in St. Louis Park, and Parkers and Lost Lake in Plymouth.

3. ***Watershed Outlet Monitoring Program (WOMP)***: The program will be managed by the BCWMC. The Metropolitan Council Environmental Services (MCES) will provide up to \$10,000 in financial support between January 1, 2013, and December 31, 2014, to the BCWMC for operating the station and maintaining the rating curve. The BCWMC entered into a two-year agreement with a firm from its consulting pool to ensure the monitoring equipment is in working order, conduct routine maintenance of the WOMP site and equipment, collect samples, make in-situ field measurements, and coordinate sample delivery to MCES for 2013 and 2014. BCWMC staff will continue to maintain the rating curve.
 4. ***Medicine Lake*** will be monitored by the Three Rivers Park District (TRPD).
 5. ***Parkers Lake*** will be monitored by TRPD, on behalf of the City of Plymouth.
 6. ***Wirth Lake and Spring Lake*** will be monitored by MPRB.
 7. ***River Watch Program***: The BCWMC will participate in the River Watch program managed by Hennepin County Environmental Services (HCES); one site on Bassett Creek will be sampled. HCES will provide a final report of the 2013 sampling results to the BCWMC.
 8. ***Stormwater flow monitoring and in-stream water quality monitoring*** in the Parkers Lake, Medicine Lake and Northwood Lake watersheds will be performed by the TRPD, on behalf of the City of Plymouth.
- **Development Reviews**—The BCWMC will review development proposals in the watershed for conformance to water quality and flooding policies.
 - **Citizen Involvement**—The BCWMC will continue to encourage citizen participation at its monthly BCWMC meetings and at its Committee meetings. The meetings are noticed to the public and a meeting calendar is posted on the BCWMC’s website.
 - **Channel Maintenance Fund**—The BCWMC will continue to fund its Creek and Streambank Trunk System Maintenance, Repair and Sediment Removal Fund (the Channel Maintenance

Fund). The BCWMC collects \$25,000 annually for the fund through an assessment paid by the member cities.

- **Flood Control Long-Term Maintenance Fund**—The BCWMC established a long-term maintenance fund to be used to repair structures associated with the BCWMC Flood Control Project. The BCWMC collects \$25,000 annually for the fund through an assessment paid by the member cities. The fund balance is not to exceed \$1 million.
- **Annual Report**—The BCWMC will prepare an annual report, submit the report to BWSR and member cities, and post it on the BCWMC website.
- **TMDL Implementation Reporting**— The EPA approved the Wirth Lake TMDL on October 25, 2010, the Medicine Lake TMDL on February 8, 2011, and the Sweeney Lake TMDL on August 10, 2011. These TMDLs assigned categorical waste load allocations, which means a watershed approach is to be taken in implementing water quality improvement measures in these watersheds. In 2013, the BCWMC will begin tracking the implementation of the Medicine Lake, Sweeney Lake and Wirth Lake TMDLs. The BCMWC role will likely include the following tasks:
 - Reporting on TMDL implementation activities to the MPCA. TMDL progress reports will be due one year after the MPCA issues the new MS4 permit, which will likely be issued between June and August 2013. This means the TMDL progress reports will be due one year after that, in 2014.
 - Estimating and reporting progress towards achieving the assigned wasteload allocations. The BCWMC’s watershed P8 model, slated for completion in 2013, will be an essential tool for estimating reductions in phosphorus loading.
 - Monitoring lake water quality on an annual basis. See “Water Quality” bullet above regarding monitoring of these lakes in 2013.

E. 2012 BCWMC Project Reviews

Two tables have been prepared that list development proposals and other plans that were reviewed by the BCWMC and/or its engineering consultant in 2012. The following table, *Plans Presented for BCWMC Review and Comment at Commission Meetings* includes development proposals and other plans that were reviewed and discussed during the BCWMC meeting. The second table, *Plans Presented for Administrative Review and Comment*, is a list of projects that were reviewed by the BCWMC's engineer in accordance with policies of the BCWMC.

Plans Presented for BCWMC Review and Comment at Commission Meetings

Appl. Form	Project Name	Date Submitted	City	Comments	Date of BCWMC Meeting
2012-4	GV 2012 PMP	2/2/12	Golden Valley	Conditional approval, Public, streets	2/16/12
2011-22	Bassett Creek Restoration: Wisconsin Ave to Crystal (CIP – 2011CR)	10/2011	Golden Valley	Conditional approval, Public – stream bank restoration	3/15/12
2012-8	228 Peninsula Road	3/21/12	Medicine Lake	Approval, Single family residential	4/19/12
2012-10	Plymouth 2012 Street Reconstruction Project: Circle Park	4/19/12	Plymouth	Conditional approval Public – roads	5/17/12
2012-14	Canadian Pacific Railway Bridge Replacement @ MP 2.12	6/8/12	Golden Valley	Conditional approval Railway bridge across Bassett Creek	6/21/12
2012-16	Sweeney Lake Boathouse (1420 Spring Valley Road)	6/29/12	Golden Valley	Approval, Single family residential – work in floodplain,	7/19/12
2012-26	237 Peninsula Road	10/26/12	Medicine Lake	Conditional approval, Single family residential – work in floodplain,	11/14/12
2012-27	Turtle Lake Drainage Improvements	11/28/12	Plymouth	Conditional approval, Public – drainage	12/20/12
2012-28	45th & Nathan Lane Drainage Improvements	11/28/12	Plymouth	Conditional approval Public – drainage	12/20/12
2012-25	Boone Ave. Convenience Center & Retail	10/22/12	Golden Valley	Conditional approval, Commercial	1/17/13

Plans Presented for 2012 BCWMC Administrative Review and Comment

Appl. Form	Project Name	Date Submitted	City	Type
2012-11	Breck School Phase 1 Addition	4/20/12	GV	Institutional
2011-14A	Crossroads Commons Front. Rd/Site Work	8/30/11	Ply	Public-Road
2011-14B	Crossroads Commons Senior Housing	8/30/11	Ply	Multiple Family Residential
2011-22	Bassett Creek Restoration: Wisconsin Ave to Crystal (CIP – 2011CR)	10/2011	GV	Public – Stream bank restoration
2012-1	Rational Energies Processing Facility	1/25/12	Ply	Industrial
2012-2	12955 Highway 55 Parking Lot Expansion	1/30/12	Ply	Commercial
2012-3	Westhealth Addition	1/30/12	Ply	Commercial
2012-4	GV 2012 PMP	2/2/12	GV	Public, streets
2012-5	Bottineau Transitway Scoping Document (Draft EIS)	1/6/12	GV, Mpls, Rob	Public-Transit
2012-6	Robbinsdale 2011 Street Reconstruction Project	2/23/12	Rob	Public-Roads
2012-7	Cornerstone Auto Parking Expansion	3/22/12	Ply	Commercial
2012-8	228 Peninsula Road	3/21/12	ML	Single Family Residential
2012-9	Ultimate Events Parking Expansion	4/16/12	Ply	Industrial
2012-10	Plymouth 2012 Street Reconstruction Project: Circle Park	4/19/12	Ply	Public-Roads
2012-11	Breck School Phase 1 Addition	4/20/12	GV	Institutional
2012-12	Kimberly Lane School Pavement Rehab	5/10/12	Ply	Institutional
2012-13	Sandburg Learning Center: East Parking Lot Addition	5/25/12	GV	Institutional
2012-14	Canadian Pacific Railway Bridge Replacement @ MP 2.12	6/8/12	Mpls	Railway
2012-15	North Branch Bassett Creek Restoration: Douglas Avenue to 32nd Avenue CIP: 2012 CR	6/2012	Cry	Streambank Restoration
2012-16	Sweeney Lake Boathouse (1420 Spring Valley Road)	6/29/12	GV	Single Family Residential
2012-17	Parade Stadium Drive and Parking	6/29/12	Mpls	Public-Roads
2012-18	Lifestyle Commons II	7/10/12	Ply	Commercial
2012-19	12015 & 12025 28th Ave. (Chippewa Trails Lots 9 & 10)	8/15/12	Ply	Single Family Residential
2012-20	The Hills of Plymouth Professional Bldg.	8/30/12	Ply	Commercial
2012-21	Plymouth Salt Storage Bldg.	8/29/12	Ply	Public-Building
2012-22	Gateway Assisted Living	9/17/12	SLP	Multi-Residential
2012-23	5919 St. Croix Ave N (Hirsch Property)	9/28/12	GV	Single Family Residential

Appl. Form	Project Name	Date Submitted	City	Type
2012-24	5929 St. Croix Ave. N. (Dent Property)	9/28/12	GV	Single Family Residential
2012-25	Boone Ave. Convenience Center & Retail	10/22/12	GV	Commercial
2012-26	237 Peninsula Road	10/26/12	ML	Single Family Residential
2012-27	Turtle Lake Drainage Improvements	11/28/12	PLY	Public-Drainage
2012-28	45th & Nathan Lane Drainage Improvements	11/28/12	PLY	Public-Drainage
2012-29	Sunset Hill Elem. School Building Addition	11/20/12	PLY	Institutional
2012-30	Eliot Park Apartments Site	Prelim	SLP	Multiple Family Residential
2012-31	Greenwood Elementary School Addition	12/12/12	PLY	Institutional
2012-32	Golden Valley Pavement Mgmt Proj. (PMP)	01/17/13	GV	Public-Roads
2012-33	I-GV-461 Relief Force Main	01/17/13	GV	Public-Utility

F. 2012 Water Quality Monitoring Data and Studies

The following water quality monitoring and water quality studies were performed:

- **Bassett Creek Biotic Index Monitoring (3-year cycle)**—Assessing the benthic invertebrates found in a stream provides a long-term assessment of its water quality. During 1980, 1983, 1991, 1995, 2000, 2003, 2006, 2008, 2009 and 2012 benthic invertebrates were collected from Plymouth Creek, the Sweeney Lake Branch, the North Branch and the Main Stem of Bassett Creek to evaluate its water quality and to detect changes in water quality over time. Hilsenhoff's Biotic Index and the Invertebrate Community Index (ICI) were used to evaluate existing water quality and assess changes. The BCWMC prepared the report "*A Biotic Index Evaluation of Bassett Creek and Plymouth Creek: 2012*" (BCWMC, March 2013). The report is available on the BCWMC Web site (<http://www.bassettcreekwmo.org>).
- **Citizens Assisted Lake Monitoring Program (CAMP)**— The BCWMC participated with the Metropolitan Council Environmental Services (MCES) in its citizen-assisted lake-monitoring program (CAMP). In 2012, citizen volunteers monitored the following lakes: Twin Lake and Sweeney Lake in Golden Valley, Northwood Lake in New Hope, two sites on Medicine Lake in Medicine Lake and Plymouth, Parkers Lake in Plymouth, and Westwood Lake in St. Louis Park. For results of the 2011 CAMP, see *2011 Study of the Water Quality Of 169 Metropolitan Area Lakes* (Met Council, December 2012) [the report on the 2012 CAMP is not yet available]. The report is also available on the Metropolitan Council website at <http://www.metrocouncil.org/getattachment/4a8c163e-a0a3-48cc-af98-ab8c77cccb1d.aspx>.
- **Detailed stream monitoring at Bassett Creek WOMP station**—Stream monitoring was performed in cooperation with the Metropolitan Council Environmental Services (MCES) and the Minneapolis Park and Recreation Board (MPRB) as part of the stream monitoring and watershed outlet monitoring program (WOMP). The MPRB ceased operating the WOMP station on June 25, 2012; MCES operated the station for the remainder of the year. See the MCES website for additional information: <http://www.metrocouncil.org/environment/RiversLakes/index.htm>.
- **Wirth Lake and Spring Lake Monitoring Data and Bassett Creek WOMP Data**—The Minneapolis Park & Recreation Board (MPRB) monitored the water quality of Wirth Lake

and Spring Lake in 2012 and performed a qualitative study on the artificial islands in Spring Lake in 2012. The MPRB operated the Bassett Creek WOMP station until June 25, 2012. The MPRB's 2013 *Water Resources Report* is not yet available. It will be available at the Minneapolis Park & Recreation Board website at:

<http://www.minneapolisparcs.org/default.asp?PageID=791>.

- **Medicine Lake**—The Three Rivers Park District (TRPD) monitored Medicine Lake in 2012. The 2012 results are available from TRPD.
- **Stormwater flow monitoring and in-stream water quality monitoring** in the Medicine Lake and Northwood Lake watershed was performed on behalf of the City of Plymouth by the Three Rivers Park District (TRPD). The 2012 results will be included in a report by TRPD; when complete, the report will be available at the City of Plymouth's website at: <http://www.plymouthmn.gov/index.aspx?page=258>
- **River Watch Program**—The BCWMC continues to support the Hennepin County Environmental Services' River Watch Program. The program began in 1995 and uses volunteers to conduct biological monitoring as a means of monitoring water quality. The grading scale used in River Watch takes into account three major biotic indices used routinely in biological monitoring programs:
 - The Family Biotic Index, which measures the overall community of invertebrates and their tolerance to pollution levels. The scale ranges from 0 to 10 with the lower values indicating high sensitivity and good water quality if present.
 - EPT, which stands for Ephemeroptera, Plecoptera, and Trichoptera, or mayflies, stoneflies, and caddisflies. These three families include the most sensitive individuals and are looked at for indications of presence or absence. Higher scores indicate better water quality.
 - The number of families, which measures the overall abundance of families or total diversity of family units. Again, with this index, the higher the number the better.

Students have been monitoring Bassett Creek since 1999. There was one River Watch site in the Bassett Creek watershed in 2012 – site GM, which is located on Betty Crocker Drive in the City of Golden Valley. The report *Hennepin County River Watch 2012* will be available

online in 2013 at:

<http://www.hennepin.us/portal/site/HennepinUS/menuitem.b1ab75471750e40fa01dfb47ccf06498/?vgnextoid=04eafcb677d33210VgnVCM10000049114689RCRD>

G. Local Plan Adoption

The following table shows the status of the surface water management plan preparation for each municipality.

Municipality	Local Plan Status	Comments
Crystal	Completed	Local plan was approved by the BCWMC in January 2010. Resolution 10-02.
Golden Valley	Completed	Revised plan was approved by the BCWMC in September 2008. Resolution 08-06.
Medicine Lake	Completed	Local plan was approved by the BCWMC in January 2010. Resolution 10-05.
Minneapolis	Completed	Local plan was approved by the BCWMC in September 2006. Resolution 2006-04.
Mnettonka	Completed	Revised local plan was approved by the BCWMC in September 2008. Resolution 08-05.
New Hope	Completed	Revised plan was approved by the BCWMC in October 2008. Resolution 08-08.
Plymouth	Completed	Local plan conditionally approved by the BCWMC in February 1999. Resolution 99-3. Revised plan was approved by the BCWMC in November 2008. Resolution 08-09.
Robbinsdale	Completed	Local plan was approved by the BCWMC in October 1996; reconfirmed in April 1997. Resolution 97-5. Local plan was reviewed as part of the city's comprehensive plan review in 2008. Revised plan was submitted to the BCWMC for review in December 2009. Resolution 10-04.
St. Louis Park	Completed	Revised plan was approved by the BCWMC in September 2009. Resolution 09-06.

H. Watershed Communication/Public Education

In accordance with Minnesota Rules, Chapter 8410.0100, Subpart 4, the BCWMC utilized the following information sources for providing information to the general public:

- **Improvements and Development Requirements**—The report *Requirements for Improvements and Development Proposals*, prepared by the BCWMC (2008), is posted for use and reference on the BCWMC's website at http://www.bassettcreekwmo.org/require/2008_Requirements/2008RequirementsTOC.htm.
- **Website**—The BCWMC maintained information on its website during 2012. In 2012, there were approximately 108,090 visits, or 295 per day. A copy of the website Usage Report from January 1, 2012, through December 31, 2012, is included in the appendices. The BCWMC's meeting calendar is on the website to inform the public of the Commission and Committee meetings. The address for the Bassett Creek Watershed Management Commission website is <http://www.bassettcreekwmo.org>.
- **BCWMC Meeting Packet**— Each month in 2012 the BCWMC posted electronic meeting packets on its website and e-mailed the link to approximately 40 parties. Additionally each month the BCWMC mailed a hard copy of meeting packet to approximately 16 interested parties. The packets included the BCWMC meeting agenda, meeting minutes, and meeting materials about the issues on the monthly meeting agenda.
- **Communications Coordination**—The BCWMC will continue to implement a public information plan as recommended by the Policy and Citizens Advisory Groups at its November 13, 2001, special meeting.
- **Publications**—The Commission published its public hearing notices in a variety of Twin Cities metro-area publications including *Finance & Commerce*, *Sun Sailor*, and *Lakeshore Weekly News*.
- **Metro WaterShed Partners**—The BCWMC participated as a member of the Metro WaterShed Partners as a general supporter of the program and also as a supporter of the Metro Clean Water Minnesota Media Campaign. Metro Watershed Partners maintains a listserv and a website as forums for information sharing, holds monthly meetings for members to collaborate, and displays an exhibit at the State Fair to educate the public about

watersheds. The Clean Water Minnesota Media Campaign is a stormwater education collaboration that develops and delivers stormwater educational materials to a broad audience through television, radio, and billboard campaigns as well as through its website www.cleanwatermn.org.

I. Professional Services Proposal

In accordance with Minnesota Statutes, Section 103B.227, Subdivision 5, the BCWMC solicited letters of interest in 2012 for legal and for engineering and technical consulting services.

J. Assessment of Changes in Fund Balance

A discussion of the fund balance is included in the BCWMC’s annual financial audit report. A copy of the annual audit report is available in the Financial Information section of the Bassett Creek Watershed Management Commission’s website at <http://www.bassettcreekwmo.org>.

K. Wetland Conservation Act/Wetland Banking Program

1991 Wetland Conservation Act—The interim program of the 1991 Wetland Conservation Act was effective through December 31, 1993. On January 1, 1994, the permanent program of the 1991 Wetland Conservation Act became effective. Each municipality was required to designate the local government unit (LGU) responsible for administrating the interim program and the permanent program of the 1991 Wetland Conservation Act. The following table indicates the local governmental unit for each municipality.

Municipality	Permanent Program (Effective 1/1/94)
Crystal	Crystal
Golden Valley	Golden Valley
Medicine Lake	BCWMC
Minneapolis	Minneapolis
Minnetonka	Minnetonka
New Hope	New Hope
Plymouth	Plymouth
Robbinsdale	BCWMC
St. Louis Park	BCWMC

BCWMC = Bassett Creek Watershed Management Commission

In 2012, the BCWMC submitted to BWSR its WCA annual report covering all 2011 WCA-related activities.

Wetland Mitigation Policy—The BCWMC's wetland mitigation policy specifies that filling or developing existing lakes and wetlands require an evaluation of the benefits of the wetland for stormwater storage, water quality enhancement, and wildlife habitat, as well as the development of a plan to mitigate the loss of those benefits somewhere in the affected municipality.

Wetland Banking Program—The BCWMC has not adopted a wetland banking program.

II. Annual Financial Report

II. Annual Financial Report

The 2012 fiscal year for the Bassett Creek Watershed Management Commission (BCWMC) commenced on February 1, 2012 and ended January 31, 2013.

A. Approved Budget

The approved operating budget for fiscal year 2012 was \$724,045. Each member's contribution toward the annual budget is based 50 percent on the total area of the municipality within the watershed and 50 percent on the tax capacity of the area within the watershed. A copy of the 2012 budget description, member-city assessment table, and operating budget table are appended.

B. Report of Revenues

See the Financial Audit Report in the appendices.

C. Report of Expenditures

See the Financial Audit Report in the appendices.

D. Financial Audit Report

The annual audit report for the year ending January 31, 2013, was performed by Malloy Montague Karnowski Radosevich & Co., P.A. A copy of the annual audit report is included in the appendices and also is available on the Bassett Creek Watershed Management Commission's website at <http://www.bassettcreekwmo.org>.

Appendix A
Financial Information

	A	E	F	G	H	I	J	K	L
1	2012 Operating Budget								
2	Bassett Creek Watershed Management Commission - June 2011								
3									
4	DRAFT								
5	Item	Audited 2010 Actual	2011 Budget	2011 Estimated - numbers shown are 2011 budget for now	Proposed 2012 Budget				
6	ENGINEERING								
7	Technical Services	119,832	110,000	110,000	120,000				
8	Plat Reviews (funded by permit fees)	53,128	50,000	50,000	60,000				
9	Commission and TAC Meetings	12,316	13,000	13,000	14,250				
10	Surveys and Studies	17,899	20,000	20,000	10,000				
11	Water Quality / Monitoring	24,489	34,000	34,000	20,000				
12	Water Quantity	8,264	11,000	11,000	11,000				
13	Inspections								
14	Watershed Inspections	10,842	8,000	8,000	7,000				
15	Project Inspections	5,714	10,000	10,000	9,000				
16	Municipal Plan Review	7,927	2,000	2,000	2,000 (1)				
17	Subtotal Engineering	\$260,411	\$268,000	\$268,000	\$263,260				
18	PLANNING								
19	Watershed-wide XP-SWMM Model								
20	Watershed-wide P8 Water Quality Model				\$70,000				
21	Next Generation Plan				\$135,000				
22	Subtotal Planning				\$40,000				
23	Administrator	\$0	\$0	\$0	\$245,000				
24	Legal	30,297	36,000	36,000	50,000				
25	Financial Management	17,331	18,500	18,500	18,500				
26	Audit, Insurance & Bond	3,054	3,000	3,000	3,045				
27	Meeting Catering Expenses	13,328	15,000	15,000	15,225				
28	Administrative Services	4,610	4,750	4,750	2,750				
29	Public Outreach	42,578	45,000	45,000	40,000				
30	Publications / Annual Report								
31	Website	5,169	2,000	2,000	2,000				
32	Watershed Outlet Monitoring Program (WOMP)	1,031	4,500	4,500	2,500				
33	Demonstration/Education Grants	6,818	10,000	10,000	10,000 (2)				
34	Watershed Education Partnerships	3,140	5,000	5,000	0 (3)				
35	Education and Public Outreach	16,150	14,500	14,500	13,000 (4)				
36	Public Communications	2,911	4,900	4,900	5,775 (5)				
37	Erosion/Sediment (Channel Maintenance)	692	3,000	3,000	3,000				
38	Long-Term Maint. (Flood Control Project)	25,000	25,000	25,000	25,000 (6)				
39	Subtotal	\$197,108	\$216,150	\$216,150	\$215,795				
40	TMDLS								
41	TMDL Studies		0	0	0				
42	TMDL Implementation	\$10,000	0	0	0				
43	Subtotal TMDL Studies	\$10,000	\$0	\$0	10,000				
44	GRAND TOTAL	\$467,519	\$474,150	\$474,150	\$724,045				
45	For Information (Administrative Account)								
46	Financial Information								
47	Audited fiscal year 2010 fund balance at January 31, 2011				\$337,951				
48	Expected income from assessments in 2011				\$434,150				
49	Expected Interest Income in 2011				\$300				
50	Expected income from project review fees				\$40,000				
51	Estimated funds available for fiscal year 2011				\$812,401				
52	Estimated expenditures for fiscal year 2011				\$474,150				
53	Estimated fund balance as of January 31, 2012				\$338,251				
54									
55	2012 Budget								
56	Proposed 2012 Capital Projects				\$998,000				
57	Proposed 2012 Operating Budget				\$724,045				
58	Proposed total 2012 Budget				\$1,722,045				
59	2012 Assessments and Fees								
60	2012 Operating Budget								
61	Estimated 2012 permit fees (80% of permit expenditures)				\$724,045				
62	Transfer from Long-term Maintenance Fund for XP-SWMM Model				\$48,000				
63	Transfer from Long-term Maintenance Fund for P8 Model				\$70,000				
64	Use of TMDL Studies Fund				\$135,000				
65	Assessment proposed for 2012 Operating Budget				\$10,000				
66	Proposed Budget Reserve on January 31, 2012				\$461,045				
67					\$338,251				
68									
69	(1) Review municipal local plan amendments and adjoining WMO plan amendments.								
70	(2) Review municipal comprehensive plan amendments.								
71	(3) Grant program for demonstrations and education								
72	(4) 2012 budget - CAMP (\$5,000); River Watch (\$2,000); WaterShed Partners (\$3,000); Metro Blooms (\$2,000); Blue Thumb (\$1,000). In 2011 WMWA projects and administration were combined into line item 34 -Education and Public Outreach.								
73	(5) 2012 budget includes brochures, factsheets, display materials, educational articles and WMWA administration and projects.								
74	(6) Will be transferred to Channel Maintenance Fund								
75	(7) Will be transferred to Long-Term Maintenance Fund								

**Bassett Creek Watershed Management Commission
2012 Assessment
June 2011**

Community	For Taxes Payable in 2011 Net Tax Capacity *	2010 Percent of Valuation	Current Area Watershed in Acres	Percent of Area	Average Percent	2009 Assessment	2010 Assessment	2011 Assessment	Proposed 2012 Assessment	Percent increase 2011 to 2012
Crystal	\$7,417,300	5.73	1,264	5.09	5.41	\$449,874	\$414,150	\$434,151	\$461,045	
Golden Valley	\$30,145,030	23.29	6,615	26.63	24.96	\$24,067	\$22,131	\$23,433	\$24,941	6%
Medicine Lake	\$918,976	0.71	199	0.80	0.76	\$112,052	\$103,256	\$109,230	\$115,080	5%
Minneapolis	\$9,531,547	7.37	1,690	6.80	7.08	\$3,298	\$3,090	\$3,301	\$3,484	6%
Minnetonka	\$8,217,982	6.35	1,108	4.46	5.41	\$33,246	\$30,216	\$31,375	\$32,661	4%
New Hope	\$7,811,766	6.04	1,252	5.04	5.54	\$23,031	\$21,510	\$22,558	\$24,920	10%
Plymouth	\$56,865,614	43.94	11,618	46.77	45.35	\$24,445	\$22,605	\$23,840	\$25,533	7%
Robbinsdale	\$2,706,469	2.09	345	1.39	1.74	\$205,093	\$188,453	\$196,201	\$209,101	7%
St. Louis Park	\$5,796,381	4.48	752	3.03	3.75	\$8,077	\$7,417	\$7,672	\$8,022	5%
TOTAL	\$129,411,065	100.00	24,843	100.00	100.00	\$449,875	\$414,150	\$434,150	\$461,045	6%

* Information is certified amounts from the County.

Bassett Creek Water Management Commission

2012 Budget and Levy

June 2011

The Joint and Cooperative Agreement establishing the Bassett Creek Water Management Commission (BCWMC) sets forth the procedure required to adopt the annual budget. Article VIII, Subdivision 3, provides that each member agrees to contribute each year to a general fund to be used for administrative purposes and certain operating expenses. Half of the annual contribution of each member is based on assessed valuation of property within the watershed and the other half on the ratio of area of each member within the watershed to the total area of the Bassett Creek watershed. Subdivision 5 of Article VIII further provides: "On or before July 1 of each year, the Board shall adopt a detailed budget for the ensuing year and decide upon the total amount necessary for the general fund." Budget approval requires a two-thirds vote (six Commissioners). Further, the Secretary "shall certify the budget on or before July 1 to the clerk of each member governmental unit, together with a statement of the proportion of the budget to be provided by each member." Each of the nine members then has until August 1 to file an objection to the budget.

The 2012 budget was prepared by a Budget Committee consisting of Commissioner Linda Loomis (BCWMC Chair), Commissioner Ginny Black (BCWMC Vice Chair), Commissioner Michael Welch (Commission Treasurer), Commissioner Jim deLambert (Commission Secretary), and Commissioner Pauline Langsdorf (Education Committee representative), with assistance from Amy Herbert (Recorder), Geoff Nash (Administrator) and Sue Virnig (Deputy Treasurer).

The BCWMC's "Second Generation" Watershed Management Plan was approved by the Minnesota Board of Water and Soil Resources on August 25, 2004, and adopted by the BCWMC on September 16, 2004. That plan includes a capital projects budget, which is funded by ad valorem taxes and has been amended to include channel restoration projects. Commission activities have focused on implementation of the Watershed Management Plan.

The proposed 2012 budget of \$724,045 was adopted by eight commissioners voting in favor of the budget at the BCWMC meeting on June 16, 2011. The proposed 2012 budget is enclosed. Specific items in the budget are discussed below.

1. **Engineering** services are budgeted at \$253,250 in 2012. Many of the individual items have remained the same from the 2011 budget. The following paragraphs summarize each of the Engineering budget items.
 - **Technical Services**—this item covers the day-to-day technical services performed on behalf of the Commission, such as preparing for the Commission and Technical Advisory Committee (TAC) meetings, performing preliminary site reviews and correspondence, and communications with the Commissioners, watershed communities, developers, agencies, and other entities. The proposed 2012 budget is \$120,000.
 - **Plat Reviews**—at its December 15, 2005, meeting, the BCWMC instated a permit fee effective January 1, 2006, and revised as of January 1, 2009, to cover the expense of reviewing development plans and improvement projects. Assuming permit fees are raised to cover the costs of assessing the water quality impacts of proposed projects, the projected revenues will be higher. The proposed 2012 budget for plat reviews is \$60,000, which will largely be offset by permit fees. These expected permit fees are shown in the 2012 budget under "2012 Assessments and Fees;" it is estimated that the BCWMC will receive \$40,000 in permit fees in 2012.

- Commission and TAC Meetings— this item covers the cost for the engineer to attend 12 monthly Commission meetings and 7 monthly TAC meetings. The proposed budget for 2012 is \$14,250.
- Surveys and Studies—the proposed budget for 2012 is \$10,000. The 2011 budget was \$20,000. The intent of this budget item is to cover the costs of conducting special studies, and addressing unanticipated issues, questions, etc. that arise during the year.
- Water Quality/Monitoring—the proposed budget for 2012 is \$20,000, which includes performing biotic index monitoring on Bassett Creek, as part of the BCWMC's three-year monitoring cycle for this type of monitoring. During 1980, 1983, 1991, 1995, 2000, 2003, 2006 and 2009, benthic invertebrates were collected from Plymouth Creek, the Sweeney Lake Branch, the North Branch and the Main Stem of Bassett Creek to evaluate its water quality and to detect changes in water quality over time. The same sites will be monitored in 2012. Hilsenhoff's Biotic Index (HBI) and the MPCA's IBI will be used to evaluate existing water quality and to assess changes. Water quality monitoring on Twin Lake and/or Sweeney Lake is also included. A final report will be prepared summarizing the results.

This task also includes finalizing the 2011 water quality report, and other general water quality tasks, such as reviewing water quality information and previous studies as requested by the BCWMC, member cities, or regulatory agencies.

Note: According to the BCWMC's four-year lake monitoring cycle, detailed lake monitoring of Sweeney and Twin Lakes should take place in 2012. However, detailed monitoring was performed on Sweeney and Twin Lakes in 2008 and 2009. This means the monitoring could be delayed to 2013 to keep with the four-year monitoring cycle. The TAC recommended delaying the monitoring even later, to 2014, so that the data is available for the TMDL evaluation report, which will be due in 2016. The 2012 budget includes only \$4,000 for monitoring Sweeney and/or Twin Lakes, not include the full \$30,000 estimated for that monitoring.

- Water Quantity—this item covers the work associated with the BCWMC's lake and stream gauging program. The proposed budget for 2012 is \$11,000, the same as the 2011 budget. The readings have proved valuable to the communities for planning future development and as documentation of the response of surface water bodies to above normal and below normal precipitation.
 - The 2012 lake gauging program will consist of measuring water levels on Medicine Lake, Sweeney Lake, Parkers Lake, Westwood Lake, Crane Lake (Ridgedale Pond), and Northwood Lake. The Bassett Creek Park Pond and Wirth Park storage areas will also be included for monitoring. Two readings per month will be taken during the period April 1, 2012 through September 30, 2012. One reading per month will be taken during the period October 1, 2012 through March 31, 2013.
 - The 2012 stream gauging program will consist of periodically reading stages, or gauging the stream, at the new tunnel entrance, at the Theodore Wirth Park/T.H. 55 outlet structure, at Highway 100 (main stem), at Wisconsin Avenue, at Sweeney Lake, at Medicine Lake outlet, at Winnetka Avenue (north branch), at 26th Avenue (Plymouth Creek fish barrier), and at other selected locations during periods of high flow.
 - The program also includes periodic surveys of benchmarks to ensure consistency with past readings.
- Inspections—there are two separate budget items under this task:

- o Watershed Inspections—this item covers the BCWMC’s construction site erosion control inspection program. The proposed budget for 2012 is \$7,000; permit fees offset a portion of the watershed inspection cost. The inspections are valuable for identifying and correcting erosion and sediment control practices that do not conform to BCWMC policies. The inspections also verify that sites are developed in accordance with approved plans. The watershed inspection program consists of inspecting active construction sites in the watershed once every month. Erosion control inspections will begin April 2012 and extend through October 2012. Selected sites may be inspected on two-week intervals to verify that requested erosion control modifications have been completed. Critical work such as wetland or creek crossings and work adjacent to lakes and sensitive wetlands will be inspected as necessary. The new conduit inlet in Minneapolis will also be inspected for accumulation of debris. BCWMC staff will coordinate the inspection with respective contacts from each city. Following each inspection, and where site improvements are required, a letter listing the construction projects and the improvements needed for effective erosion control will be sent to each city.
- o Project Inspections—this item covers the BCWMC’s annual inspection of the flood control project system. The proposed budget for 2012 is \$9,000 (\$10,000 in 2011). The inspection program covers the flood control project features completed by the Commission between 1974 and 1996. The objective of the inspection program is to find and address erosion, settlement, sedimentation, and structural issues. In accordance with the Bassett Creek Flood Control Project Operation and Maintenance Manual (except as noted), the following project features require annual inspection:

Minneapolis:

- Conduit (Double Box Culvert) – inspect double box culvert every five years (2004, 2009, 2014, 2019 ...)
- Deep Tunnel – dewater and inspect tunnel every 20 years. This inspection was performed during 2008; the next inspection will be 2028
- Old Tunnel (not included in BCWMC inspection program)
- Open Channel

Golden Valley

- Highway 55 Control Structure & Ponding Area
- Golden Valley Country Club Embankment (Box Culvert, Overflow Weir, and downstream channel)
- Noble Avenue Crossing
- Regent Avenue Crossing
- Westbrook Road Crossing
- Wisconsin Avenue Crossing
- Minnaqua Drive Bridge Removal

Crystal

- Box Culvert and Channel Improvements (Markwood Area)
- Edgewood Embankment with Ponding
- Highway 100/Bassett Creek Park Pond

- 32nd Avenue Crossing
- Brunswick Avenue Crossing
- 34th Avenue Crossing
- Douglas Drive Crossing
- Georgia Avenue Crossing
- 36th-Hampshire Avenue Crossing
- Channel Improvements

Plymouth

- Medicine Lake Outlet Structure
 - Plymouth Fish Barrier
- Municipal Plan Review—this item covers the cost to review the member cities local water management plans for conformance with the BCWMC Watershed Management Plan. All of the member cities have BCWMC-approved plans in place. It also covers the cost to review adjoining WMO plans/plan amendments. The proposed budget for 2012 is \$2,000. These funds are budgeted to cover expenses that may be incurred reviewing member cities’ local plan amendments and adjoining WMO plan amendments.

2. Planning

- Watershed-wide XP-SWMM Model—this item covers the cost to update the current Bassett Creek hydrologic and hydraulic (H & H) models to XP-SWMM. Currently, the majority of the watershed hydrology is modeled by the HEC-1 program, and the creek hydraulics are modeled with the HEC-2 program. Small sections of the watershed have been updated to the XP-SWMM model where more detailed modeling has been needed. XP-SWMM is a more powerful and user-friendly model that incorporates both hydrology and hydraulics and deals effectively with issues like backwater and more complex outlet structures.

An updated H & H XPSWMM model will allow the Commission to evaluate the impact of structure modifications and other projects on the creek and other major waterbodies in the watershed. For example, it could be used to evaluate the impact of modifications similar to the Sweeney Lake outlet modification, the Wisconsin Avenue control structure modification, and the Wirth Lake outlet modification. In the future, newer and/or more detailed XPSWMM models performed by others (e.g., the cities) could be integrated into the Commission’s updated H & H model, further increasing the usefulness of the model to the Commission and the member cities. The updated H & H model could also be used to help the Commission evaluate/understand potential flooding risks (e.g., spring snowmelt).

The work includes creating an XP-SWMM model for the areas currently modeled in HEC-1 and HEC-2, and then merging the new model with the areas already modeled in XP-SWMM. This will create one comprehensive XP-SWMM model for the entire Bassett Creek Watershed. This task includes updating the watersheds and hydrology inputs for inclusion into XP-SWMM. Because of how the model simulates outlets at ponds and lakes, each pond or lake outlet will need to be checked and recalculated as part of this task. This task does not include checking if bridge or culvert geometry along the creek has changed since previous modeling efforts. The XP-SWMM model will also be calibrated to known storm events.

The proposed 2012 budget for this project is \$70,000. Source of funds: Flood Control Long-term Maintenance Fund. This would mean that this amount would not appear on the 2012 assessment for operating expenses.

- Watershed-wide P8 Water Quality Model—this item covers the cost to update the current Bassett Creek water quality modeling. The water quality modeling of a significant portion of the watershed was completed with an older version of the P8 Model, with best management practice (BMP) information that is representative of the treatment conditions fifteen to twenty years ago. Some major subwatersheds have been updated to current land use and runoff drainage/BMP conditions when more detailed modeling was needed for Total Maximum Daily Load (TMDL) studies.

An updated P-8 water quality model will provide a key tool for the Commission to use in tracking the progress of the BCWMC and the MS4s towards TMDL implementation for impaired water bodies, not only within BCWMC, but also downstream of Bassett Creek. When projects are proposed and/or completed, the updated P8 model could be used to estimate the loading reduction that will be achieved by the projects. An updated P8 model could also be used to evaluate the effect of proposed projects, such as projects that come under Commission review and Commission CIP projects. The member cities could also use the model to evaluate individual BMPs in their cities.

The work includes two major tasks: 1) updating the P8 model and 2) calibrating and further refining the modeling. This work includes updating the P8 model for the Main Stem, North Branch (Lost Lake, Northwood Lake, and Bassett Creek Park Pond), Parkers Lake, Westwood Lake, and Grimes, North Rice and South Rice Ponds major subwatersheds.

The proposed 2012 budget for this project is \$135,000; a significant portion of this budget is for field surveys. Source of funds: Flood Control Long-term Maintenance Fund.

- Next Generation Plan—For the 2012 fiscal year, it is recommended that the Commission begin the planning process for the “next generation” of the Watershed Management Plan. Starting the process in 2012 will help ensure that the Plan obtains Minnesota Board of Water and Soil Resources (BWSR) approval before the current plan expires (September 2014 – 10 years from the date of BWSR approval). The plan update planning process, including planning steps recommended for 2012, is shown on the attached planning process flowchart. The proposed planning process takes into consideration the proposed changes to BWSR’s 8410 Rules, which dictate the watershed plan content and the process to be followed for developing the watershed plan.

Steps C through H and part of Step I are proposed to be completed in 2012. The steps are described below:

Step C. Notify plan stakeholders of plan initiation and request information. This step is a result of the anticipated 8410 rule changes. Plan stakeholders include all plan review agencies (BWSR, Met Council, DNR, MPCA, MN Department of Health, and MN Dept of Agriculture), as well as other jurisdictions, including member cities, Hennepin County, Hennepin Conservation District, and MnDOT. During this step, these stakeholders are to provide information on water resources, issues and key regulations that should inform the planning process. Stakeholders have 60 days to provide this information. (February-March)

Step D. Review and summarize responses from plan stakeholders (March - April).

Step E. Visioning process – review BCWMC’s achievements, perform gaps analysis, review WMO/member roles and responsibilities, survey members to identify activities

and needs, and create/refine organizational vision. This step includes two to three meetings of the Commission. (May - July)

Step F. Form Planning Advisory Group (PAG). The PAG will include Commissioners and Alternates, the TAC (and other city staff as appropriate), Commission staff, the plan review agencies (BWSR, Met Council, DNR, MPCA, MN Department of Health, and MN Dept of Agriculture), Hennepin County, Hennepin Conservation District, and citizens. Task includes coordinating recruitment and preparing recruitment materials to attract participants. (July - August)

Step G. Initial planning meeting to identify and prioritize issues. Meeting participants will include the PAG and other plan stakeholders. Issues identified by the TAC and Commission in 2011 will be presented and discussed at this meeting. This step is required per the anticipated 8410 rule changes; however, it is a normal (although currently not required) step in the plan update process. The draft 8410 rules also dictate that the plan stakeholders be invited to the meeting. (September)

Step H. PAG meeting to establish goals/policies that address priority issues. This step will also include a review of existing goals and policies that are relevant to the priority issues. (November)

Step I. Revise Plan sections and hold four (4) PAG meetings. To stay on schedule, the plan revision task needs to begin in January 2013, the last month of the BCWMC's 2012 fiscal year. In January, the land and water resource inventory and other background/introductory information sections will be revised/drafted. (January 2013 – July 2013 (entire step))

The proposed 2012 budget for this project is \$40,000; work on the plan will continue through 2013 and into 2014.

3. **Administrator**—this was a new budget item in 2008. In 2010 the commission entered a contract with an administrator to coordinate all commission activities, with a focus on working with member cities, the Minnesota Department of Transportation, Hennepin County and other stakeholders to implement total maximum daily load plans; development and organization of commission policies; communications; and strategic planning. The administrator budget item was \$15,000 in 2010, as the commission completed an analysis of its systems and functions, and worked on carefully defining a role for an administrator. The actual amount spent in 2010 was \$30,297. The budget in 2012 is \$50,000, an increase from \$36,000 in 2011. As of the end of April 2011, \$14,412 had been invoiced. The Commission, at the time of adoption of the 2011 budget, had begun honing the scope of duties for the administrator and appropriately shifting tasks among its contracted service providers. The commission anticipates that administrator tasks will be well defined at the outset of the 2011 budget year, and that operational efficiencies will balance costs of expanding the administrator's scope of duties.
4. **Legal**—this item covers basic legal services, which are budgeted at \$18,500 for 2012, remaining at the same level as 2011.
5. **Financial Management**—this item covers services provided by the Deputy Treasurer at the City of Golden Valley, which are budgeted for \$3,045 in 2012, an increase of 1.5% over last year.
6. **Liability Insurance, Auditing and Bonding**—this item is budgeted at \$15,225 for 2012, an increase of 1.5% over last year.
7. **Meeting Catering**—this item is budgeted for \$2,750 in 2012, a decrease from \$4,750 in 2011.
8. **Administrative Services**—this item covers administrative, secretarial, and recorder services. The Administrative Services budget is \$40,000 for 2011, a decrease from \$45,000 in 2011.

9. **Public Relations & Outreach**—there are two separate budget items under this task:
 - Publications/Annual Report—\$2,000 is budgeted in 2012 for preparing the BCWMC’s 2011 annual report, the same as last year.
 - Website—\$2,500 is budgeted in 2012 for maintaining, updating, and making improvements to the BCWMC website, a decrease from \$4,500 in 2011.
10. **WOMP**—\$10,000 is budgeted for 2012, which covers the BCWMC’s costs related to the Watershed Outlet Monitoring Program (WOMP) station on Bassett Creek. The Minneapolis Park and Recreation Board has been running the WOMP station for the last several years in a cooperative effort with Metropolitan Council Environmental Services. The MPRB handles the sample and data collection tasks, MCES performs maintenance, and Barr provides assistance with the rating curve and flow monitoring. The 2012 budget includes \$5,000 for MPRB to operate the WOMP station.
11. **Demonstration/Education Grants**— this item is the BCWMC grant program, which is managed by the Education Committee; funding for this item has been eliminated in 2012. The 2011 budget for this item was \$5,000.
12. **Watershed Education Partnerships**— the 2012 budget for this item is \$13,000, which includes participation in the Metropolitan Council’s Citizen Assisted Monitoring Program (CAMP; \$5,000), the Hennepin Conservation District River Watch Program (\$2,000), Metro WaterShed Partners (\$3,000), the Blue Thumb program (\$1,000), and the Metro Blooms Rain Garden program (\$2,000). The 2011 budget for this item was \$14,500.
13. **Education and Public Outreach**—the 2012 budget for this item is \$5,775, which includes event space costs (\$200), display maintenance and posters (\$400), water quality survey & quiz (\$75), seed packets and handouts (\$700), develop and distribute watershed coloring book (\$500), watershed coloring contest in 3 age groups (\$300), educational articles (\$600), and WMWA administration and projects (\$3,000). The 2011 budget for this item was \$4,900.
14. **Public Communications**—the 2012 budget for this item is \$3,000 and covers costs related to the publication of hearing and special meeting notices in newspapers and journals and the publication and distribution of other required communications that are separate from the Web site or education and public outreach communications. The 2011 budget for this item was \$3,000.
15. **Erosion/Sediment (Channel Maintenance)**—these funds are for creek and streambank erosion repair and sediment removal projects that are not funded as a channel restoration project through the BCWMC’s Capital Improvement Program. The amount budgeted for collection in 2012 is \$25,000, the same amount as in 2011. The money collected goes into the BCWMC’s Creek and Streambank Trunk System Maintenance, Repair and Sediment Removal Fund (the Channel Maintenance Fund). There is currently \$158,000 in the Channel Maintenance Fund; to-date about \$42,000 of the fund has been used on channel maintenance projects.

The BCWMC Watershed Management Plan (Section 7.2.2) calls for the BCWMC to use the Creek and Streambank Trunk System Maintenance, Repair and Sediment Removal Fund to finance the:

- Maintenance and repairs needed to restore a creek or streambank area to the designed flow rate.
- Work needed to restore a creek or streambank area that has either resulted in damage to a structure, or where structural damage is imminent, based on an assessment of benefits.

- Portion of a project that provides BCWMC benefits, including reduced potential for flooding, mitigation of water quality impairment, or minimizing the potential for water quality impairment.
 - BCWMC's share of maintenance projects to be applied for by the cities that have a regional benefit, or to partially fund smaller, localized projects that cities wish to undertake.
16. **Long-Term Maintenance (Flood Control Project)**—these funds are for projects to repair and maintain structures associated with the BCWMC Flood Control Project. The BCWMC Plan calls for annual assessments of \$25,000 to the fund, and for the fund balance to be maintained at (but not exceed) \$1 million. The current fund balance is about \$510,000, which takes into account the funding of the \$250,000 Sweeney Lake outlet project. The proposed 2012 budget/assessment is \$25,000, the same as 2011.

17. **TMDLs**

- **TMDL Studies**—the TMDL budget was set up to fund the BCWMC's costs for participating in the Medicine Lake, Sweeney Lake and Wirth Lake TMDL studies. The TMDL Studies fund is currently at \$22,000. No TMDL studies are scheduled for the next several years. It is recommended that the remaining funds in the TMDL studies account be used to pay the costs of TMDL implementation reporting (see next item).

There is no proposed 2012 budget for TMDL studies.

- **TMDL Implementation Reporting**—For the 2012 fiscal year, it is recommended that the Commission set aside funding to cover the costs associated with the BCWMC's role in tracking the implementation of the Medicine Lake, Sweeney Lake and Wirth Lake TMDLs. These TMDLs assigned categorical waste load allocations, which means a watershed approach is to be taken in implementing water quality improvement measures in these watersheds. The EPA approved the Wirth Lake TMDL on October 25, 2010 and the Medicine Lake TMDL on February 8, 2011. The Sweeney Lake TMDL is expected to be approved later in 2011.

In general, the Commission's role would be to monitor implementation of the TMDLs. This role would likely include the following tasks:

- Report on TMDL implementation activities to the MPCA. Formal reports will be due every five years, and annual reports will be needed by the MS4s to meet their reporting requirements. The MPCA has indicated that this type of reporting would include tracking installation/construction of BMPs, and implementation of activities. The report must also provide a short description of an adaptive management strategy for meeting the wasteload allocations.

For the first year of reporting, the report format will need to be developed. The data from the cities will need to be collected and entered into the report form. Five years after TMDL approval, a report must be prepared regarding the effectiveness of the implementation efforts on lake water quality. In addition to the information included in the annual reports, the five year assessment report (assume to be 2016 for all three lakes) should include trend analyses of the lake data, inflow monitoring data, an estimate of the reductions in phosphorus loading (from P8 modeling and/or monitoring data), and implementation strategy recommendations for the next five years. Possible recommendations could include changes to the water quality monitoring program for the lakes and/or inflows and changes to the potential management measures to reduce watershed and/or internal phosphorous loads.

Lake water quality monitoring data should be collected for one or two years prior to the preparation of the five year assessment reports. The Minneapolis Park and Recreation Board (MPRB) conducts annual monitoring of Wirth Lake, and Three Rivers Park District (TRPD) conducts annual monitoring of Medicine Lake. The MPRB and TRPD monitoring programs are similar to the monitoring performed by the Commission. Assuming that the MPRB and TRPD continue their monitoring of Wirth and Medicine Lakes, the Commission will need to take responsibility for monitoring Sweeney Lake. For Sweeney Lake, the completed and to-be-updated P8 modeling should be adequate for the five year assessment report. This means monitoring of inflows to the lake should not be necessary until the ten year assessment. In anticipation of the ten year assessment, the Commission should consider monitoring the inflows to Sweeney Lake in years eight and nine. The TRPD also conducts monitoring of inflows to Medicine Lake on a regular basis. Assuming that the TRPD continues their inflow monitoring for Medicine Lake (and it occurs at the right time), the Commission will be able to use this information in the five year assessment report. With implementation of the Wirth Lake outlet modification project in 2012, lake water quality monitoring data may show that the lake is meeting water quality criteria within the first five years of TMDL implementation. Therefore, the Commission should not need to monitor inflows to Wirth Lake.

Estimated cost: less than \$10,000

- Estimate and report progress towards achieving the assigned wasteload allocations. The watershed P8 model, slated for completion in 2012, will be an essential tool for estimating reductions in phosphorus loading. The additional fee proposed for Commission review of projects will cover the costs for updating the P8 model to include BMPs constructed/installed as part of Commission-reviewed projects. However, there will be additional BMPs constructed/installed that are not part of a Commission-reviewed project. The reduction in phosphorus loading for these BMPs should also be estimated, but this will require additional funding from the Commission. Beginning in 2013, the P8 model should be updated every year that new BMPs are constructed/installed, and the model results should be analyzed to understand the impacts of the BMPs on phosphorus loading. When available, this analysis should include a comparison of flow and runoff monitoring data to the P8 model results.

Estimated cost: \$0 – included in 2012 cost of proposed P8 modeling

- Lake water quality monitoring. Annual monitoring (at least CAMP monitoring) of lake water quality for Medicine, Sweeney and Wirth Lakes should occur. As noted above, the MPRB conducts annual monitoring of Wirth Lake, and the TRPD conducts annual monitoring of Medicine Lake, along with regular monitoring of inflows to Medicine Lake. It will be important for the Commission to coordinate with the MPRB and the TRPD to ensure that Wirth and Medicine Lakes continue to be monitored, either by MPRB/ TRPD, or by the Commission, should MPRB and/or TRPD decide not to perform the monitoring.

Estimated cost: \$0 – included in Commission's water quality monitoring program (except Wirth Lake is assumed to continue to be monitored by MPRB).

The proposed 2012 budget for TMDL Implementation Reporting is less than \$10,000.

18. **Proposed 2012 Capital Projects**—For 2012, the capital projects to be paid through a Hennepin County tax levy include the 1) Main Stem restoration project (2012CR; Irving Avenue to Golden Valley Road, in Golden Valley and Minneapolis); estimated cost is \$856,000; 2) Wirth Lake outlet modification project; estimated cost is \$180,000, and 3) Schaper Park feasibility study (underway in 2011); cost is \$37,000. The total estimated cost of these 2012 projects is \$1,073,000. For the 2012 projects, it is proposed that \$998,000 be assessed for 2012. The proposed assessment reflects the Commission's receipt in 2011 of a \$75,000 grant award for the

Wirth Lake outlet modification project from the Clean Water Legacy Fund, through the Board of Water and Soil Resources.

The Sweeney Lake outlet replacement is another capital project that will be constructed in 2011 or 2012. This \$250,000 project is to be paid using existing funds in the Flood Control Long Term Maintenance fund.

At its June 16, 2011 meeting, the BCWMC Commissioners also considered the assessment on the cities. The 2012 assessment was adopted by eight commissioners voting in favor to levy \$461,045 for the 2012 fiscal year, as compared with the \$434,150 for 2011 adopted in 2010, based on the following:

Funding Needs:

2012 Administrative Budget\$724,045

Funding Source:

2012 Assessment.....\$461,045

Transfer from BCWMC Flood Control Long-term Maintenance Fund\$205,000

Transfer from TMDL Fund.....\$10,000

2012 Estimated Permit Review Fees\$48,000

2012 Capital Projects Assessment (Hennepin County)\$998,000

The Bassett Creek Watershed Management Commission's 2012 Operating Budget and 2012 Assessment per community are enclosed.



Linda Looms, Chair, Bassett Creek Watershed Management Commission

Enclosures: 2012 Operating Budget
2012 Assessment
Watershed Management Plan Timeline

**BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION**

**Financial Statements and
Supplemental Information
Year Ended
January 31, 2013**

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

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INTRODUCTORY SECTION

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Board of Commissioners
Year Ended January 31, 2013

<u>Commissioner</u>	<u>Position</u>	<u>Governmental Unit</u>
Ginny Black	Chairperson	City of Plymouth
Jim de Lambert	Vice Chairperson	City of St. Louis Park
Stacy Hoschka	Treasurer	City of Golden Valley
Ted Hoshal	Secretary	City of Medicine Lake
John Elder	Commissioner	City of New Hope
Daniel Johnson	Commissioner	City of Crystal
Jacob Millner	Commissioner	City of Minnetonka
Wayne Sicora	Commissioner	City of Robbinsdale
Michael Welch	Commissioner	City of Minneapolis

FINANCIAL SECTION



PRINCIPALS

Thomas M. Montague, CPA
Thomas A. Karnowski, CPA
Paul A. Radosevich, CPA
William J. Lauer, CPA
James H. Eichten, CPA
Aaron J. Nielsen, CPA
Victoria L. Holinka, CPA

INDEPENDENT AUDITOR'S REPORT

Board of Commissioners and Management
Bassett Creek Watershed Management Commission

REPORT ON THE FINANCIAL STATEMENTS

We have audited the accompanying financial statements of the governmental activities and each major fund of the Bassett Creek Watershed Management Commission (the Commission) as of and for the year ended January 31, 2013, and the related notes to the financial statements, which collectively comprise the Commission's basic financial statements as listed in the table of contents. The prior year partial comparative information presented has been derived from the Commission's financial statements for the year ended January 31, 2012, and in our report dated March 30, 2012, we expressed unqualified opinions on the respective financial statements of the governmental activities and each major fund.

MANAGEMENT'S RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

AUDITOR'S RESPONSIBILITY

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Commission's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

(continued)

OPINIONS

In our opinion, the financial statements referred to on the previous page present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the Commission as of January 31, 2013, the respective changes in financial position thereof, and the budgetary comparison for the General Fund for the year then ended, in accordance with accounting principles generally accepted in the United States of America.

As discussed in Note 1 of the notes to basic financial statements, the Commission has implemented Governmental Accounting Standards Board (GASB) Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position*, and GASB Statement No. 65, *Items Previously Reported as Assets and Liabilities* during the year ended January 31, 2013.

The financial statements include prior year partial comparative information, which does not include all of the information required in a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Commission's financial statements for the year ended January 31, 2012, from which it was derived.

OTHER MATTERS

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that Management's Discussion and Analysis (MD&A) be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by GASB, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. The Commission has not presented the MD&A that accounting principles generally accepted in the United States of America have determined necessary to supplement, although not required to be a part of, the basic financial statements.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Commission's basic financial statements. The introductory section, as listed in the table of contents, is presented for purposes of additional analysis and is not a required part of the basic financial statements. The introductory section has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on it.

OTHER REPORTING REQUIRED BY *GOVERNMENT AUDITING STANDARDS*

In accordance with *Government Auditing Standards*, we have also issued our report dated April 17, 2013 on our consideration of the Commission's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements, and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Commission's internal control over financial reporting and compliance.

Malloy, Montague, Kaniowski, Radosevich & Co., P.A.

Minneapolis, Minnesota

April 17, 2013

BASIC FINANCIAL STATEMENTS

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Statement of Net Position
as of January 31, 2013
(With Partial Comparative Information as of January 31, 2012)

	Governmental Activities	
	2013	2012
Assets		
Cash and temporary investments	\$ 5,293,244	\$ 4,574,749
Interest receivable	3,405	3,752
Delinquent taxes receivable	9,175	13,538
Due from other governments	36,000	-
Prepays	1,595	1,595
Total assets	\$ 5,343,419	\$ 4,593,634
Liabilities		
Accounts payable	\$ 254,745	\$ 41,620
Unearned revenue	435,829	407,597
Total liabilities	690,574	449,217
Net position		
Restricted for watershed improvements	4,320,910	3,751,710
Unrestricted	331,935	392,707
Total net position	4,652,845	4,144,417
Total liabilities and net position	\$ 5,343,419	\$ 4,593,634

See notes to basic financial statements

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Statement of Activities
Year Ended January 31, 2013
(With Partial Comparative Information for the Year Ended January 31, 2012)

	Governmental Activities	
	2013	2012
Expenses		
Watershed management		
Administration	\$ 524,278	\$ 388,142
Improvement projects	376,396	1,214,144
Total expenses	900,674	1,602,286
Program revenues		
Watershed management		
Charges for services – member assessments	461,045	434,151
Charges for services – permit fees	41,600	35,300
Capital grants and contributions	144,750	400,024
Total program revenues	647,395	869,475
Net program revenue (expense)	(253,279)	(732,811)
General revenues		
Property taxes	754,027	830,856
Unrestricted state aids	845	24,575
Investment earnings	5,099	4,111
Other	1,736	1,868
Total general revenues	761,707	861,410
Change in net position	508,428	128,599
Net position		
Beginning of year	4,144,417	4,015,818
End of year	\$ 4,652,845	\$ 4,144,417

See notes to basic financial statements

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Balance Sheet
Governmental Funds
as of January 31, 2013
(With Partial Comparative Information as of January 31, 2012)

	General Fund	Improvement Capital Projects Fund	Total Governmental Funds	
			2013	2012
Assets				
Cash and temporary investments	\$ 835,037	\$ 4,458,207	\$ 5,293,244	\$ 4,574,749
Interest receivable	2	3,403	3,405	3,752
Delinquent taxes receivable	-	9,175	9,175	13,538
Due from other governments	-	36,000	36,000	-
Prepays	1,595	-	1,595	1,595
	\$ 836,634	\$ 4,506,785	\$ 5,343,419	\$ 4,593,634
Liabilities				
Accounts payable	\$ 68,870	\$ 185,875	\$ 254,745	\$ 41,620
Unearned revenue	435,829	-	435,829	407,597
Total liabilities	504,699	185,875	690,574	449,217
Deferred inflows of resources				
Unavailable revenue – property taxes	-	9,175	9,175	13,538
Fund balances				
Nonspendable for prepaids	1,595	-	1,595	1,595
Restricted for watershed improvements	-	4,311,735	4,311,735	3,738,172
Unassigned	330,340	-	330,340	391,112
Total fund balances	331,935	4,311,735	4,643,670	4,130,879
Total liabilities, deferred inflows of resources, and fund balances	\$ 836,634	\$ 4,506,785		

Amounts reported for governmental activities in the Statement of Net Position are different because:

Certain revenues (including delinquent taxes) are included in net position, but are excluded from fund balances until they are available to liquidate liabilities of the current period.

	9,175	13,538
Net position of governmental activities	\$ 4,652,845	\$ 4,144,417

See notes to basic financial statements

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Statement of Revenue, Expenditures, and Changes in Fund Balances
Governmental Funds
Year Ended January 31, 2013
(With Partial Comparative Information for the Year Ended January 31, 2012)

	<u>General Fund</u>	<u>Improvement Capital Projects Fund</u>	<u>Total Governmental Funds</u>	
			<u>2013</u>	<u>2012</u>
Revenue				
Member contributions	\$ 461,045	\$ -	\$ 461,045	\$ 434,151
Permit fees	41,600	-	41,600	35,300
Property taxes	-	758,390	758,390	832,428
State aid	-	145,595	145,595	424,599
Investment earnings	75	5,024	5,099	4,111
Miscellaneous	1,736	-	1,736	1,868
Total revenue	<u>504,456</u>	<u>909,009</u>	<u>1,413,465</u>	<u>1,732,457</u>
Expenditures				
Current				
Engineering	432,400	-	432,400	279,847
Legal	16,196	-	16,196	16,953
Professional services	12,927	-	12,927	12,771
Secretarial services	32,784	-	32,784	39,303
Public relations and outreach	9,889	-	9,889	13,173
Financial management	3,000	-	3,000	3,100
Education	14,347	-	14,347	19,055
Miscellaneous	2,735	-	2,735	3,940
Capital outlay				
Improvement projects	-	376,396	376,396	1,214,144
Total expenditures	<u>524,278</u>	<u>376,396</u>	<u>900,674</u>	<u>1,602,286</u>
Excess (deficiency) of revenue over expenditures	(19,822)	532,613	512,791	130,171
Other financing sources (uses)				
Transfers in	19,050	60,000	79,050	71,560
Transfers (out)	(60,000)	(19,050)	(79,050)	(71,560)
Total other financing sources (uses)	<u>(40,950)</u>	<u>40,950</u>	<u>-</u>	<u>-</u>
Net change in fund balances	(60,772)	573,563	512,791	130,171
Fund balances				
Beginning of year	<u>392,707</u>	<u>3,738,172</u>		
End of year	<u>\$ 331,935</u>	<u>\$ 4,311,735</u>		

Amounts reported for governmental activities in the Statement of Activities are different because:

Certain revenues (including delinquent taxes) are included in net position, but are excluded from fund balances until they are available to liquidate liabilities of the current period.

	(4,363)	(1,572)
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Change in net position of governmental activities

	\$ 508,428	\$ 128,599
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See notes to basic financial statements

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Statement of Revenue, Expenditures, and Changes in Fund Balances
Budget and Actual
General Fund
Year Ended January 31, 2013

	<u>Original and Final Budget</u>	<u>Actual</u>	<u>Over (Under) Budget</u>
Revenue			
Member contributions	\$ 461,045	\$ 461,045	\$ -
Permit fees	48,000	41,600	(6,400)
Investment earnings	-	75	75
Miscellaneous	-	1,736	1,736
Total revenue	<u>509,045</u>	<u>504,456</u>	<u>(4,589)</u>
Expenditures			
Current			
Engineering	548,250	432,400	(115,850)
Legal	18,500	16,196	(2,304)
Professional services	15,225	12,927	(2,298)
Secretarial services	40,000	32,784	(7,216)
Public relations and outreach	17,500	9,889	(7,611)
Financial management	3,045	3,000	(45)
Education	18,775	14,347	(4,428)
Miscellaneous	2,750	2,735	(15)
Total expenditures	<u>664,045</u>	<u>524,278</u>	<u>(139,767)</u>
Excess (deficiency) of revenue over expenditures	(155,000)	(19,822)	135,178
Other financing sources (uses)			
Transfers in	215,000	19,050	(195,950)
Transfers out	(60,000)	(60,000)	-
Total other financing sources (uses)	<u>155,000</u>	<u>(40,950)</u>	<u>(195,950)</u>
Net change in fund balances	<u>\$ -</u>	<u>(60,772)</u>	<u>\$ (60,772)</u>
Fund balances			
Beginning of year		<u>392,707</u>	
End of year		<u>\$ 331,935</u>	

See notes to basic financial statements

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

Notes to Basic Financial Statements
January 31, 2013

NOTE 1 – SIGNIFICANT ACCOUNTING POLICIES

A. Organization

The Bassett Creek Watershed Management Commission (the Commission) is a joint venture of the cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale, and St. Louis Park, formed under the authority of Minnesota Statute § 471.59. The Commission's purpose is to provide for cooperative planning, usage, and improvement of the watershed drained by the nine member communities. It is governed by a board consisting of nine commissioners, one appointed by each member city. The accounting policies of the Commission conform to accounting principles generally accepted in the United States of America as applicable to governmental units.

B. Reporting Entity

A joint venture is a legal entity resulting from a contractual agreement that is owned, operated, or governed by two or more participants as a separate and specific activity subject to joint control, in which the participants retain either an ongoing financial interest or an ongoing financial responsibility. The Commission, as described above, is considered a joint venture of the nine member cities, and is included as such in their financial statements.

As required by accounting principles generally accepted in the United States of America, these financial statements include the Commission (the primary government) and its component units. Component units are legally separate entities for which the primary government is financially accountable, or for which the exclusion of the component unit would render the financial statements of the primary government misleading. The criteria used to determine if the primary government is financially accountable for a component unit includes whether or not the primary government appoints the voting majority of the potential component unit's board, is able to impose its will on the potential component unit, is in a relationship of financial benefit or burden with the potential component unit, or is fiscally depended upon by the potential component unit. Based on these criteria, there are no component units required to be included in the Commission's financial statements.

C. Government-Wide Financial Statements

The government-wide financial statements (Statement of Net Position and Statement of Activities) display information about the reporting government as a whole. These statements include all of the financial activities of the Commission. The Statement of Activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenues include: 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment; 2) operating grants and contributions; and 3) capital grants and contributions. Taxes and other internally directed revenues are reported as general revenues.

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenue in the fiscal year for which they are levied. Grants and similar items are recognized as revenue when all eligibility requirements imposed by the provider have been met. Generally, the effect of interfund activity has been eliminated from the government-wide financial statements.

NOTE 1 – SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

The Commission applies restricted resources first when an expense is incurred for which both restricted and unrestricted resources are available.

D. Fund Financial Statement Presentation

The accounts of the Commission are organized on the basis of funds, each of which is considered a separate accounting entity. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, liabilities, fund equity, revenue, and expenditures. The resources of the Commission are accounted for in two funds:

General Fund – The General Fund is the primary operating account of the Commission and is used to account for all financial resources except those required to be accounted for in another fund.

Improvement Capital Projects Fund – The Improvement Capital Projects Fund is used to account for resources set aside for the construction of improvements to the watershed. Its primary resources are a property tax levy and state aids.

Separate fund financial statements are provided for governmental funds. Major individual governmental funds are reported as separate columns in the fund financial statements. Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. With this measurement focus, only current assets, current liabilities, and deferred inflows/outflows of resources generally are included on the balance sheet. Operating statements of this fund present increases (revenue and other financing sources) and decreases (expenditures and other financing uses) in net current assets. Under this basis of accounting, transactions are recorded in the following manner:

- 1. Revenue Recognition** – Revenue is recognized when it becomes measurable and available. “Measurable” means the amount of the transaction can be determined and “available” means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. For this purpose, the Commission considers revenues to be available if collected within 60 days after year-end. Grants and similar items are recognized as revenue when all eligibility requirements imposed by the provider have been met. All significant revenue sources are considered susceptible to accrual.
- 2. Recording of Expenditures** – Expenditures are generally recorded when a liability is incurred; however, expenditures are recorded as prepaid for approved disbursements or liabilities incurred in advance of the year in which the item is to be used.

E. Budget

A budget for the General Fund is adopted annually by the Commission’s Board of Commissioners on a modified accrual basis of accounting. Budgetary control is at the fund level. All appropriations lapse at year-end.

F. Investments

Investments are reported at fair value. Securities traded on national exchanges are valued at the last reported sales price.

G. Prepays

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaids. Prepaids are recorded as expenditures/expenses at the time of consumption.

NOTE 1 – SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

H. Capital Assets

The Commission has no capital assets. The Improvement Capital Projects Fund is used to construct holding ponds and other improvements to the drainage system within the watershed district. The improvements are to land belonging to the Commission's member communities, and are not capitalized by the Commission.

I. Property Taxes

Under Minnesota Statute § 103B.251, the Commission is authorized to certify to Hennepin County, the costs of capital projects that are included in the capital improvement program in the Commission's watershed management plan. Project costs are certified to the county before October 1. The county is required by Minnesota Statute § 103B.251, Subd. 6 to provide funds for the cost of such improvements. The county has elected to levy an ad valorem property tax on taxable properties within the watershed to provide such funds. Such taxes become a lien on January 1 and are recorded as receivables by the Commission on that date. Property taxes may be paid by taxpayers in two equal installments on May 15 and October 15. The county provides tax settlements to all taxing districts several times a year. Taxes which remain unpaid at December 31 are classified as delinquent taxes receivable, and are offset by deferred inflow of resources on the governmental funds financial statements.

J. Risk Management

The Commission is exposed to various risks of loss related to torts: theft of, damage to, and destruction of assets; error and omissions; and natural disasters. The Commission participates in the League of Minnesota Cities Insurance Trust (LMCIT), a public entity risk pool for its general property, casualty, and other miscellaneous insurance coverages. LMCIT operates as a common risk management and insurance program for a large number of cities in Minnesota. The Commission pays an annual premium to LMCIT for insurance coverage. The LMCIT agreement provides that the trust will be self-sustaining through member premiums and will reinsure through commercial companies for claims in excess of certain limits. Settled claims have not exceeded this commercial coverage in any of the past three years. There were no significant reductions in insurance coverage during the year ended January 31, 2013.

K. Deferred Inflows of Resources

In addition to liabilities, statements of financial position or balance sheets will sometimes report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net position that applies to future periods and so will not be recognized as an inflow of resources (revenue) until that time. The Commission has only one type of item, which arises under a modified accrual basis of accounting, that qualifies for reporting in this category. Accordingly, the item, unavailable revenue, is reported only in the governmental funds Balance Sheet. The governmental funds report unavailable revenue from property taxes. These amounts are deferred and recognized as an inflow of resources in the period the amounts become available.

L. Net Position

In the government-wide financial statements, net position represents the difference between assets, deferred outflows of resources (if any), liabilities, and deferred inflows of resources. Net position is displayed in three components:

- **Net Investment in Capital Assets** – Consists of capital assets, net of accumulated depreciation, reduced by any outstanding debt attributable to acquire capital assets.

NOTE 1 – SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

- **Restricted Net Position** – Consists of net position restricted when there are limitations imposed on their use through external restrictions imposed by creditors, grantors, or laws or regulations of other governments.
- **Unrestricted Net Position** – All other net position that do not meet the definition of “restricted” or “net investment in capital assets.”

M. Fund Balance Classifications

In the fund financial statements, governmental funds report fund balance in classifications that disclose constraints for which amounts in those funds can be spent. These classifications are as follows:

- **Nonspendable** – Consists of amounts that are not in spendable form, such as prepaid items, inventory, and other long-term assets.
- **Restricted** – Consists of amounts related to externally imposed constraints established by creditors, grantors, or contributors; or constraints imposed by state statutory provisions.
- **Committed** – Consists of internally imposed constraints that are established by resolution of the Board of Commissioners. Those committed amounts cannot be used for any other purpose unless the Board of Commissioners removes or changes the specified use by taking the same type of action it employed to previously commit those amounts.
- **Assigned** – Consists of internally imposed constraints. These constraints consist of amounts intended to be used by the Commission for specific purposes but do not meet the criteria to be classified as restricted or committed. In governmental funds, assigned amounts represent intended uses established by the governing body itself or by an official to which the governing body delegates the authority.
- **Unassigned** – The residual classification for the General Fund, which also reflects negative residual amounts in other funds.

When both restricted and unrestricted resources are available for use, it is the Commission’s policy to first use restricted resources, then use unrestricted resources as they are needed.

When committed, assigned, or unassigned resources are available for use, it is the Commission’s policy to use resources in the following order: 1) committed, 2) assigned, and 3) unassigned.

N. Change in Accounting Principle

For the year ended January 31, 2013, the Commission has implemented Governmental Accounting Standards Board (GASB) Statement No. 63, *Financial Reporting of Deferred Outflows of Resources, Deferred Inflows of Resources, and Net Position* and GASB Statement No. 65, *Items Previously Reported as Assets and Liabilities*. GASB Statement No. 63 created two new financial statement elements, *deferred outflows of resources* (a consumption of net position that is applicable to a future reporting period) and *deferred inflows of resources* (an acquisition of net position that is applicable to a future reporting period), which are distinct from assets and liabilities. It also defined *net position* as the residual of all other elements presented in a statement of net position (assets + deferred outflows of resources – liabilities – deferred inflows of resources = net position). GASB Statement No. 65 identified specific items previously reported as assets that will now be classified as either deferred outflows of resources or outflows (expenditures/expenses), and items previously reported as liabilities that will now be reported as either deferred inflows of resources or inflows (revenues).

NOTE 2 – DEPOSITS AND INVESTMENTS

A. Deposits

In accordance with applicable Minnesota Statutes, the Commission maintains deposits at depository banks authorized by its Board of Commissioners, including checking and savings accounts.

The following is considered the most significant risk associated with deposits:

Custodial Credit Risk – In the case of deposits, this is the risk that in the event of a bank failure, the Commission’s deposits may be lost.

Minnesota Statutes require that all deposits be protected by federal deposit insurance, corporate surety bonds, or collateral. The market value of collateral pledged must equal 110 percent of the deposits not covered by federal deposit insurance or corporate surety bonds. Authorized collateral includes treasury bills, notes, and bonds; issues of U.S. government agencies; general obligations rated “A” or better; revenue obligations rated “AA” or better; irrevocable standard letters of credit issued by the Federal Home Loan Bank; and certificates of deposit. Minnesota Statutes require that securities pledged as collateral be held in safekeeping in a restricted account at the Federal Reserve Bank or in an account at a trust department of a commercial bank or other financial institution that is not owned or controlled by the financial institution furnishing the collateral. The Commission has no additional deposit policies addressing custodial credit risk.

At year-end, the carrying amount of the Commission’s deposits and the balance on the bank records was \$0. The Commission maintains a checking account with Wells Fargo Bank, the balance of which is swept into an overnight repurchase agreement at the end of each business day. At January 31, 2013, deposits were fully covered by federal depository insurance.

B. Investments

The Commission has the following investments at year-end:

Investment Type	Credit Risk		Interest Risk – Maturity in Years		Total
	Rating	Agency	Less Than 1	1 to 5	
U.S. agencies	AAA	S&P	\$ –	\$ 1,001,910	\$ 1,001,910
Repurchase agreement (U.S. agency underlying security)	AAA	S&P	\$ 4,291,334	\$ –	<u>4,291,334</u>
Total investments					<u>\$ 5,293,244</u>

Investments are subject to various risks, the following of which are considered the most significant:

Custodial Credit Risk – For investments, this is the risk that in the event of a failure of the counterparty to an investment transaction (typically a broker-dealer) the Commission would not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Commission does not have a formal investment policy addressing this risk, but typically limits its exposure by purchasing insured or registered investments, or by controlling who holds the securities.

NOTE 2 – DEPOSITS AND INVESTMENTS (CONTINUED)

Credit Risk – This is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. Minnesota Statutes limit the Commission’s investments to direct obligations or obligations guaranteed by the United States or its agencies; shares of investment companies registered under the Federal Investment Company Act of 1940 that receive the highest credit rating, are rated in one of the two highest rating categories by a statistical rating agency, and all of the investments have a final maturity of 13 months or less; general obligations rated “A” or better; revenue obligations rated “AA” or better; general obligations of the Minnesota Housing Finance Agency rated “A” or better; bankers’ acceptances of United States banks eligible for purchase by the Federal Reserve System; commercial paper issued by United States corporations or their Canadian subsidiaries, rated of the highest quality category by at least two nationally recognized rating agencies, and maturing in 270 days or less; Guaranteed Investment Contracts guaranteed by a United States commercial bank, domestic branch of a foreign bank, or a United States insurance company, and with a credit quality in one of the top two highest categories; repurchase or reverse purchase agreements and securities lending agreements with financial institutions qualified as a “depository” by the government entity, with banks that are members of the Federal Reserve System with capitalization exceeding \$10,000,000; a primary reporting dealer in U.S. government securities to the Federal Reserve Bank of New York; or certain Minnesota securities broker-dealers. The Commission does not have an investment policy that further addresses credit risk.

Concentration Risk – This is the risk associated with investing a significant portion of the Commission’s investment (considered 5 percent or more) in the securities of a single issuer, excluding U.S. guaranteed investments (such as treasuries), investment pools, and mutual funds. The Commission does not have an investment policy that limits the concentration of investments. At January 31, 2013, the Commission’s portfolio includes the following percentages of specific issuers:

U.S. agencies	
Federal Home Loan Bank	18.9%
Repurchase Agreement – Wells Fargo	81.1%

Interest Rate Risk – This is the risk of potential variability in the fair value of fixed rate investments resulting from changes in interest rates (the longer the period for which an interest rate is fixed, the greater the risk). The Commission does not have an investment policy limiting the duration of investments.

NOTE 3 – TRANSFERS

The following interfund transfers were made during the year ended January 31, 2013:

Transfers Out	Transfers In		
	General Fund	Improvement Capital Projects Fund	Total
General Fund	\$ –	\$ 60,000	\$ 60,000
Improvement Capital Projects Fund	19,050	–	19,050
	<u>\$ 19,050</u>	<u>\$ 60,000</u>	<u>\$ 79,050</u>

Transfers are used to finance certain improvement projects or allocate revenues between funds. Interfund transfers are reported in the fund financial statements, but are eliminated in the government-wide financial statements.

NOTE 4 – RELATED PARTY TRANSACTIONS

The nine member cities support the Commission through annual contributions, which are computed using a formula based on the net tax capacity of all property within the watershed and the total area of each member city within the watershed as compared to the total area within the watershed. Contributions are assessed on a fiscal year basis. Contributions received in advance of the year to which they pertain are reported as unearned revenue in the year received.

Member contributions, unearned revenue, and permit fees revenue for the year ended January 31, 2013 were as follows:

	<u>Contributions</u>	<u>Unearned Revenue</u>	<u>Permit Fees Revenue</u>
Crystal	\$ 24,941	\$ –	\$ –
Golden Valley	115,080	129,156	–
Medicine Lake	3,484	–	–
Minneapolis	32,661	35,236	–
Minnetonka	24,920	–	–
New Hope	25,533	27,648	–
Plymouth	209,101	235,310	3,000
Robbinsdale	8,022	8,479	1,000
St. Louis Park	17,303	–	–
	<u>\$ 461,045</u>	<u>\$ 435,829</u>	<u>\$ 4,000</u>

OTHER REQUIRED REPORTS



PRINCIPALS

Thomas M. Montague, CPA
Thomas A. Karnowski, CPA
Paul A. Radosevich, CPA
William J. Lauer, CPA
James H. Eichten, CPA
Aaron J. Nielsen, CPA
Victoria L. Holinka, CPA

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

Board of Commissioners and Management
Bassett Creek Watershed Management Commission

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the governmental activities and each major fund of the Bassett Creek Watershed Management Commission (the Commission) as of and for the year ended January 31, 2013, and the related notes to the financial statements, which collectively comprise the Commission's basic financial statements, and have issued our report thereon dated April 17, 2013.

INTERNAL CONTROL OVER FINANCIAL REPORTING

In planning and performing our audit of the financial statements, we considered the Commission's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Commission's internal control. Accordingly, we do not express an opinion on the effectiveness of the Commission's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Commission's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

(continued)

COMPLIANCE AND OTHER MATTERS

As part of obtaining reasonable assurance about whether the Commission's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

PURPOSE OF THIS REPORT

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Commission's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Commission's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Malloy, Montague, Kamowski, Radoserich & Co., P.A.

Minneapolis, Minnesota

April 17, 2013



PRINCIPALS

Thomas M. Montague, CPA
Thomas A. Karnowski, CPA
Paul A. Radosevich, CPA
William J. Lauer, CPA
James H. Eichten, CPA
Aaron J. Nielsen, CPA
Victoria L. Holinka, CPA

INDEPENDENT AUDITOR'S REPORT
ON MINNESOTA LEGAL COMPLIANCE

Board of Commissioners and Management
Bassett Creek Watershed Management Commission

We have audited the basic financial statements of the governmental activities and each major fund of the Bassett Creek Watershed Management Commission (the Commission) as of and for the year ended January 31, 2013, and the related notes to the financial statements, which collectively comprise the Commission's basic financial statements, and have issued our report thereon dated April 17, 2013.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the provisions of the *Minnesota Legal Compliance Audit Guide for Political Subdivisions*, promulgated by the Office of the State Auditor pursuant to Minnesota Statute § 6.65. Accordingly, the audit included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The *Minnesota Legal Compliance Audit Guide for Political Subdivisions* covers seven main categories of compliance to be tested: contracting and bidding, deposits and investments, conflicts of interest, public indebtedness, claims and disbursements, miscellaneous provisions, and tax increment financing. Our study included all of the listed categories, except that we did not test for compliance in tax increment financing, because the Commission does not utilize tax increment financing.

The results of our tests indicate that, for the items tested, the Commission complied with the material terms and conditions of applicable legal provisions.

The purpose of this report on Minnesota legal compliance is solely to describe the scope of our testing of compliance and the results of that testing based on the provisions of the *Minnesota Legal Compliance Audit Guide for Political Subdivisions*, promulgated by the State Auditor pursuant to Minnesota Statute § 6.65. Accordingly, this report is not suitable for any other purpose.

Malloy, Montague, Karnowski, Radosevich & Co., P.A.

Minneapolis, Minnesota

April 17, 2013

***Appendix B
Resolutions***

RESOLUTION NO. 12-01

A RESOLUTION APPROVING THE TRANSFER OF BASSETT CREEK WATERSHED MANAGEMENT COMMISSION FUNDS FROM THE ADMINISTRATIVE ACCOUNT TO THE EROSION/SEDIMENT (CHANNEL MAINTENANCE) ACCOUNT AND LONG-TERM MAINTENANCE ACCOUNT

BE IT RESOLVED by the Bassett Creek Watershed Management Commission that:

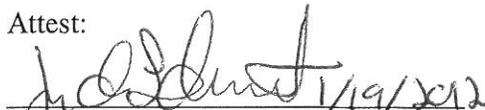
1. \$25,000 will be transferred from the Bassett Creek Watershed Management Commission's Administrative Account to the Erosion/Sediment (Channel Maintenance) account.
2. \$25,000 will be transferred from the Bassett Creek Watershed Management Commission's Administrative Account to the Long-Term Maintenance account.



Chair

Date

Attest:


Secretary

Date

RESOLUTION 12-02

Member de Lambert introduced the following resolution and moved its adoption:

**RESOLUTION DESIGNATING DEPOSITORIES FOR
BASSETT CREEK WATERSHED MANAGEMENT COMMISSION FUNDS**

BE IT RESOLVED by the Bassett Creek Watershed Management Commission of the Cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale, and St. Louis Park that the following are named as depositories for funds, subject to the furnishing of collateral for funds on deposit as provided in the Laws of the State of Minnesota: **RBC Dain Rauscher; Wells Fargo; 4M Fund**

BE IT FURTHER RESOLVED that a sweep account will be used for nightly balances.

BE IT FURTHER RESOLVED that the following signatories or alternates are authorized to be signatories on checks drawn on funds deposited:

General Checking: Chair or Vice Chair and Treasurer or Deputy Treasurer
Each check shall require two signatures.

BE IT FURTHER RESOLVED that the following shall be authorized to make investments of the Bassett Creek Watershed Management Commission and shall be authorized to deposit the principal of said investments in the above named depositories as necessary and beneficial to the Bassett Creek Watershed Management Commission: Deputy Treasurer of the Bassett Creek Watershed Management Commission.

The Deputy Treasurer shall supply each of the depositories with certified copies of this resolution along with such signature documentation as is required by the depository and the authorizations set forth above.

Adopted by the Board of the Bassett Creek Watershed Management Commission this 19th day of January 2012.

Linda R Loomis
Chair Date

ATTEST:

J. D. [Signature]
Secretary Date

The motion for the adoption of the foregoing resolution was seconded by Member Hosha and upon a vote being taken thereon, the following voted in favor thereof: 8 and the following voted against the same 0 whereupon said resolution was declared duly passed and adopted.

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 12-03

A RESOLUTION OF APPRECIATION FOR THE SERVICES OF
PAULINE LANGSDORF TO THE BASSETT CREEK WATERSHED MANAGEMENT
COMMISSION

WHEREAS, the Bassett Creek Watershed Management Commission (the "Commission") is a joint powers organization formed by the cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale and St. Louis Park; and

WHEREAS, the Commission serves as the duly constituted watershed management organization for the Bassett Creek watershed pursuant to Minnesota Statutes, Sections 103B.201-103B.253 (the "Metropolitan Area Surface Water Management Act"); and

WHEREAS, under said Act and the Commission's joint powers agreement the Commission is charged with responsibility for the management of storm water to protect persons and property from flooding and to protect and preserve the water quality of lakes, streams and wetlands of the Bassett Creek Watershed and downstream receiving waters; and

WHEREAS, Pauline Langsdorf has served as a Commissioner of the Bassett Creek Watershed Management Commission from 2003 to present in representation of the City of Crystal and as the Commission's Secretary from 2007 to 2011; and

WHEREAS, Pauline Langsdorf has freely and generously given of her time and talents, without compensation, to apply her experience to the Commission and to serve and to educate the public and to protect the environment; and

WHEREAS, Pauline Langsdorf has been integral in the Commission's proceedings and has been a strong advocate for the sound management of public interest and has provided leadership in her role as the Chair of the Commission's Public Education and Outreach Committee and as such has spearheaded strategies to educate residents about the Bassett Creek Watershed, metro-wide watershed education resources, and all citizens' roles in maintaining, protecting, and restoring water resources;

NOW, THEREFORE, BE IT RESOLVED by the Bassett Creek Watershed Management Commission that the Board, on behalf of the Commission, its member cities and the public hereby express sincere and grateful appreciation to Pauline Langsdorf for her distinguished service.

Adopted by the Board of Commission of the Bassett Creek Watershed Management Commission this 19th day of January, 2012.

ATTEST:

Secretary


Chair

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 12-04

A RESOLUTION OF APPRECIATION FOR THE SERVICES OF
LINDA LOOMIS TO THE BASSETT CREEK WATERSHED MANAGEMENT
COMMISSION

WHEREAS, the Bassett Creek Watershed Management Commission (the "Commission") is a joint powers organization formed by the cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale and St. Louis Park; and

WHEREAS, the Commission serves as the duly constituted watershed management organization for the Bassett Creek watershed pursuant to Minnesota Statutes, Sections 103B.201-103B.253 (the "Metropolitan Area Surface Water Management Act"); and

WHEREAS, under said Act and the Commission's joint powers agreement the Commission is charged with responsibility for the management of storm water to protect persons and property from flooding and to protect and preserve the water quality of lakes, streams and wetlands of the Bassett Creek Watershed and downstream receiving waters; and

WHEREAS, Linda Loomis has served as a Commissioner of the Bassett Creek Watershed Management Commission from 2004 to present in representation of the City of Golden Valley and as the Commission's Treasurer from 2004 to 2010 and its Chair from 2010 to present; and

WHEREAS, Linda Loomis has freely and generously given of her time, her public policy experience, and talents, without compensation, to serve and to educate the public and to protect the environment; and

WHEREAS, Linda Loomis has been a strong advocate for the sound management of public interest and an efficient and organized leader in the Commission's work as put forth in its *Watershed Management Plan* and an unflagging member of the Commission's Administrative Services Committee and committed in her efforts to educate residents about the Bassett Creek Watershed, watershed education resources, and all citizens' roles in maintaining, protecting, and restoring water resources;

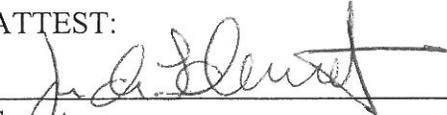
NOW, THEREFORE, BE IT RESOLVED by the Bassett Creek Watershed Management Commission that the Board, on behalf of the Commission, its member cities and the public hereby express sincere and grateful appreciation to Linda Loomis for her distinguished service.

Adopted by the Board of Commission of the Bassett Creek Watershed Management Commission this 19th day of January, 2012.



Vice Chair

ATTEST:



Secretary

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 12-05

A RESOLUTION APPROVING COOPERATIVE AGREEMENT
FOR BASSETT CREEK MAIN STEM RESTORATION

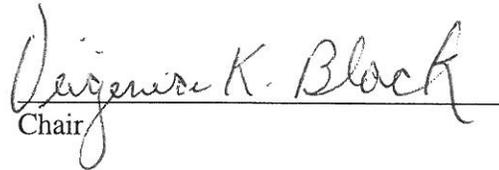
WHEREAS, by Resolution No. 11-09 adopted by the Commission on September 15, 2011, the Commission ordered the project referred to as restoration of Main Stem of Bassett Creek from Irving Avenue North in Minneapolis to Golden Valley Road in the City of Golden Valley (hereinafter the "Project"); and

WHEREAS, said resolution designated the City of Minneapolis as the member responsible for contracting for construction of the Project, and designating the City as engineer for preparation of plans and specifications; and

WHEREAS, the parties wish to execute a cooperative agreement for construction of the Project.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Bassett Creek Watershed Management Commission that the proposed cooperative agreement for construction of the Project is hereby approved and the Chair and Secretary are authorized and directed to execute the agreement on behalf of the Commission.

Adopted by the Board of Commission of the Bassett Creek Watershed Management Commission the 16th day of February, 2012.


Chair

ATTEST:


Secretary

RESOLUTION NO. 12-06

Member Welch introduced the following resolution and moved its adoption:

A RESOLUTION APPROVING THE REIMBURSEMENT TO THE BASSETT CREEK WATERSHED MANAGEMENT COMMISSION 2.5% OF THE TAX LEVY REQUEST TO HENNEPIN COUNTY FOR COLLECTION IN 2011, FOR ADMINISTRATIVE EXPENSES FOR CAPITAL IMPROVEMENT PROGRAM (CIP) PROJECTS AND APPROVING THE TRANSFER OF THE FUNDS FROM THE CIP ACCOUNT TO THE ADMINISTRATIVE ACCOUNT

BE IT RESOLVED by the Bassett Creek Watershed Management Commission of the Cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale, and St. Louis Park that:

1. The Bassett Creek Watershed Management Commission (BCWMC) will be reimbursed \$21,560.00, which is 2.5% of the BCWMC's September 2010 tax request in the amount of \$862,400 to Hennepin County for collection in 2011, for administrative expenses for Capital Improvement Projects.
2. The Bassett Creek Watershed Management Commission directs its Deputy Treasurer to transfer the reimbursed funds from the Commission's CIP Account to its Administrative Account.

Virginie K. Black
Chair Date

Attest:

Sean Hobel 2/16/12
Secretary Date

The motion for adoption of the foregoing resolution was seconded by Member de Lambert and upon a vote being taken thereon, the following voted in favor thereof: 6 and the following voted against the same 0 whereupon said resolution was declared duly passed and adopted.

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 12-07

RESOLUTION AMENDING BYLAWS

WHEREAS, the Board of Commissioners of the Bassett Creek Watershed Management Commission has considered proposed amendments to its Bylaws; and

WHEREAS, notice of proposed changes have been submitted to all member cities and persons entitled to notice in accordance with the requirements of the Commission's Joint Powers Agreement and Bylaws; and

WHEREAS, the Board has determined that it is reasonable, expedient and in the best interest of the public to amend the Bylaws of the Commission.

NOW, THEREFORE, BE IT RESOLVED, by the Bassett Creek Watershed Management Commission as follows:

1. The Commission's Bylaws are amended to the form attached to this Resolution.
2. The Commission Secretary is directed to provide a copy of the Amended Bylaws to the clerk of each member city.

Adopted by the Board of Commissioners of the Bassett Creek Watershed Management Commission this 20th of September, 2012.



Acting Chair

ATTEST:


Secretary

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 12-08

RESOLUTION APPROVING WATERSHED PLAN AMENDMENT

WHEREAS, the Commission is the watershed management organization responsible for preparing a watershed plan for the Bassett Creek watershed, pursuant to Minn. Stat. § 103B.231; and

WHEREAS, the Commission adopted its watershed plan entitled, "Bassett Creek Watershed Management Commission, Water Management Plan, July 2004" on September 16, 2004 (hereinafter the "Plan"); and

WHEREAS, the Commission has submitted for review an amendment to the Plan for the project referred to as "Dredge Pond NB-07 (Option 2 in Northwood Lake Plan)" and also referred to as the "Four Seasons Mall Water Quality Improvement Project" (the "Plan Amendment"); and

WHEREAS, the Plan Amendment has been reviewed in accordance with the requirements of Minn. Stat. § 103B.231, which review is complete; and

WHEREAS, the Commission finds that the adoption of the Plan Amendment is in accordance with the requirements of law and in the best interests of the public;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Commissioners of the Bassett Creek Watershed Management Commission as follows:

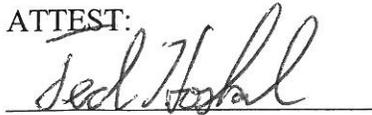
1. The Plan Amendment is hereby approved in accordance with Minn. Stat. § 103B.231, Subd. 10.
2. The Secretary is directed to transmit a copy of the Plan Amendment to the clerks of all member cities.

Adopted by the Board of Commissioners of the Bassett Creek Watershed Management Commission this 20th of September, 2012.



Acting Chair

ATTEST:



Secretary

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

RESOLUTION NO. 12-09

A RESOLUTION ORDERING 2013 IMPROVEMENTS,
DESIGNATING MEMBERS
RESPONSIBLE FOR CONSTRUCTION, MAKING FINDINGS
PURSUANT TO MINNESOTA STATUTES, SECTION 103B.251,
CERTIFYING COSTS TO HENNEPIN COUNTY, AND APPROVING CONTRACTS
FOR CONSTRUCTION OF IMPROVEMENTS

WHEREAS, on September 16, 2004, the Commission adopted the *Bassett Creek Watershed Management Commission, Water Management Plan, July 2004* (the "Plan"); and

WHEREAS, the Plan includes a Capital Improvement Program ("CIP") listing capital projects in Table 12-2 of the Plan; and

WHEREAS, the CIP, as amended, includes the following capital projects for the year 2013:

A water quality project referred to as Lakeview Park Pond, ML-8 in the City of Golden Valley (the "Lakeview Park Pond Project").

A water quality project originally identified as Northwood Lake Project NL-2, Dredge Pond ND-07 and now referred to as the Four Seasons Mall Area Water Quality Improvement Project in the City of Plymouth (the "Four Seasons Mall Project")

(hereinafter collectively referred to as the "2013 Projects"); and

WHEREAS, the Plan specifies a county tax levy under Minn. Stat., § 103B.251 as the source of funding for the 2013 Projects; and

WHEREAS, on September 20, 2012, following published and mailed notice in accordance with the Commission's Joint Power Agreement and Minn. Stat., § 103B.251, the Commission conducted a public hearing on the 2013 Projects.

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Bassett Creek Watershed Management Commission as follows:

1. The 2013 Projects will be conducive to the public health and promote the general welfare and are in compliance with Minnesota Statutes, Sections 103B.205 to 103B.255 (the "Act") and with the Plan as adopted and amended in accordance with the Act. The 2013 Projects are hereby ordered.
2. The estimated cost of the Lakeview Park Pond Project is One Hundred Ninety-Six Thousand Dollars (\$196,000). Of this amount, Thirty-Four Thousand Dollars

(\$34,000) will be paid from the Commission's Capital Improvement Program Closed Project Account and up to One Hundred Sixty-Two Thousand Dollars (\$162,000) will be paid from funds received from a county tax levy pursuant to Minnesota Statutes, Section 103B.251, levied in 2012 for collection in 2013.

3. The estimated cost of the Four Seasons Mall Project is Nine Hundred Ninety Thousand Dollars (\$990,000). Of this amount One Hundred Sixty-Six Thousand Dollars (\$166,000) will be paid from the Commission's Capital Improvement Program Closed Project Account and up to Eight Hundred Twenty-Four Thousand Dollars (\$824,000) will be paid from funds received from a county tax levy pursuant to Minnesota Statutes, Section 103B.251 levied in 2012 for collection in 2013.
4. Of the costs of the 2013 Projects, the Commission hereby certifies costs to Hennepin County in accordance with Minnesota Statutes, Section 103B.251 of One Hundred Sixty-Two Thousand Dollars (\$162,000) for the Lakeview Park Pond Project and Eight Hundred Twenty-Four Thousand Dollars (\$824,000) for the Four Seasons Mall Project. The total amount certified to Hennepin County for the 2013 Projects is Nine Hundred Eighty-Six Thousand Dollars (\$986,000) for payment by the county in accordance with Minnesota Statutes, Section 103B.251, Subd. 6.
5. The Commission receives, accepts and approves the feasibility reports for the 2013 Projects.
6. The costs of each of the 2013 Projects will be paid by the Commission up to the amounts specified in paragraphs 2 and 3 above from the Capital Improvement Program Closed Project Account and proceeds received from Hennepin County pursuant to Minnesota Statutes, Section 103B.251. Additional costs may be paid by the cities constructing the Projects, but no costs will be charged to other members of the Commission.
7. The City of Golden Valley is designated as the member responsible for contracting for the construction of the Lakeview Park Pond Project, and the engineer designated for preparation of plans and specifications is the Golden Valley City Engineer, or other substitute engineers selected and retained by the City of Golden Valley. Contracts for construction shall be let in accordance with the requirements of law applicable to the City of Golden Valley. The Cooperative Agreement with the City of Golden Valley for the construction of the Lakeview Park Pond Project is approved, and the Chair and Secretary are authorized to execute the agreement on behalf of the Commission.
8. The City of Plymouth is designated as the member responsible for contracting for the construction of the Four Seasons Mall Project, and the engineer designated for preparation of plans and specifications is the Plymouth City Engineer, or other substitute engineers selected and retained by the City of Plymouth. Contracts for construction shall be let in accordance with the requirements of law applicable to the City of Plymouth. The Cooperative Agreement with the City of Plymouth for the

construction of the Four Seasons Mall Project is approved, and the Chair and Secretary are authorized to execute the agreement on behalf of the Commission.

Adopted by the Board of Commission of the Bassett Creek Watershed Management Commission the 20th day of September, 2012.


Acting Chair

ATTEST:

Secretary

RESOLUTION NO. 12-10

Member de Lambert introduced the following resolution and moved its adoption:

A RESOLUTION APPROVING THE REIMBURSEMENT TO THE BASSETT CREEK WATERSHED MANAGEMENT COMMISSION 2.5% OF THE TAX LEVY REQUEST TO HENNEPIN COUNTY FOR COLLECTION IN 2012, FOR ADMINISTRATIVE EXPENSES FOR CAPITAL IMPROVEMENT PROGRAM (CIP) PROJECTS AND APPROVING THE TRANSFER OF THE FUNDS FROM THE CIP ACCOUNT TO THE ADMINISTRATIVE ACCOUNT

BE IT RESOLVED by the Bassett Creek Watershed Management Commission of the Cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale, and St. Louis Park that:

1. The Bassett Creek Watershed Management Commission (BCWMC) will be reimbursed \$19,050.25, which is 2.5% of the BCWMC's September 2011 tax request in the amount of \$762,010 to Hennepin County for collection in 2012, for administrative expenses for Capital Improvement Projects.
2. The Bassett Creek Watershed Management Commission directs its Deputy Treasurer to transfer the reimbursed funds from the Commission's CIP Account to its Administrative Account.

U.K. Black 12-20-12
Chair Date

Attest:

Jed Hotal 12/20/12
Secretary Date

The motion for adoption of the foregoing resolution was seconded by Member Johnson and upon a vote being taken thereon, the following voted in favor thereof: 7 and the following voted against the same 0 whereupon said resolution was declared duly passed and adopted.

Member de Lambert introduced the following resolution and moved its adoption:

RESOLUTION NO. 12- 11

A RESOLUTION APPROVING THE TRANSFER OF BASSETT CREEK WATERSHED MANAGEMENT COMMISSION FUNDS FROM THE ADMINISTRATIVE ACCOUNT TO THE EROSION/SEDIMENT (CHANNEL MAINTENANCE) ACCOUNT AND LONG-TERM MAINTENANCE ACCOUNT

BE IT RESOLVED by the Bassett Creek Watershed Management Commission that:

1. \$25,000 will be transferred from the Bassett Creek Watershed Management Commission's Administrative Account to the Erosion/Sediment (Channel Maintenance) account.
2. \$25,000 will be transferred from the Bassett Creek Watershed Management Commission's Administrative Account to the Long-Term Maintenance account.

V.K. Black 12-20-12
Chair Date

Attest:
[Signature] 12/20/12
Secretary Date

The motion for adoption of the foregoing resolution was seconded by Member Johnson and upon a vote being taken thereon, the following voted in favor thereof: 7 and the following voted against the same 0 whereupon said resolution was declared duly passed and adopted.

Appendix C

Capital Improvements Program

Table 12-2 Water Quality Management and Flood Control 10-Year Capital Improvements Program

	Water Quality Improvement	Capital Cost ¹		Year								
		A (Actual Project Cost)	E (Estimated Project Cost)	2010	2011	2012	2013	2014	2015	2016	2017	2018
Medicine Lake												
ML-1 ²	Construct wet detention pond for subwatershed BC94B1 (Option 8 in Medicine Lake Plan)		\$0									
ML-2 ³	Reduce Goose Loadings by 75% (Option 17 in Medicine Lake Plan)											
ML-3, ML-4 ⁴	Reroute flows from subwatershed BC94 to a larger wet detention pond for BC92 (Option 9a in Medicine Lake Plan) & dredging of accumulated sediment Medicine Lake East Beach wet detention pond for subwatershed BC107 (Option 11 in Medicine Lake Plan) & dredging of accumulated sediment	A	\$893,000									
ML-5 ⁵	Construct wet detention pond for subwatersheds BC98, BC98A and BC98B (Option 10a in Medicine Lake Plan) & dredging of accumulated sediment		\$0									
ML-6	Construct wet detention pond for subwatershed BC94B2 (Option 6 in Medicine Lake Plan)	E	\$14,000									\$14,000
ML-7 ⁶	In-Lake Herbicide Treatment (Option 18 in Medicine Lake Plan)	A	\$132,000									
ML-8 ²²	Lakeview Park Pond						\$196,000					
ML-11 ¹⁵	Medicine Lake Park Pond	E	\$1,100,000									
Plymouth Creek												
PC-1 ¹⁹	26th Avenue to Medicine Lake	E	\$965,000	\$902,462								
PC-2 ¹⁹	26th Avenue to 37th Avenue	E	\$559,000						\$105,000	\$454,000		
Parkers Lake												
PL-6 ¹⁴	Improvements to stormwater basin in PL-A13 near Circle Park (from the City of Plymouth's Parkers Lake Implementation Plan)	E	\$73,000									
Wirth Lake												
WTH-1 ⁷	Dredging subwatershed FR-5 detention pond (Option 2 in Wirth Lake Plan)	A	\$69,000									
WTH-2 ⁸	Highway 55 detention pond (option 3 in Wirth Lake Plan)	E	\$215,000									
WTH-3 ⁸	In-lake alum treatment (Option 1 in Wirth Lake Plan)	E	\$59,000									
WTH-4 ²²	Modify outlet to prevent back-flow (Wirth Lake TMDL Implementation Plan)		\$180,000			\$180,000						
Sweeney Lake												
Twin Lake												
TW-1 ⁹	Pond expansion (Option 1 in Twin Lake Plan)	E	182,000									
Westwood Lake												
WST-1 ¹⁰	Flag Avenue detention/ skimming facility (Option 1 in Westwood Lake Plan)	A	\$174,000									
Bassett Creek Park Pond												
	None-see Table 2 Potential future water quality projects											
Northwood Lake												
NL-1 ¹¹	Construct ponds NB-35A, B, C and NB-29A, B (Option 4 in Northwood Lake Plan)	E	\$595,000						\$595,000			
NL-2 ²³	Four Seasons Mall Area Water Quality Project	E	\$990,000				\$990,000					
NL-3	Divert Lancaster Lane storm sewer (Option 3 in Northwood Lake Plan)	E	\$59,000									\$59,000
NL-4 ¹²	Construct ponds NB-36A, NB-37A, NB-38A and NB-28A, B (Option 5 in Northwood Lake Plan)	A	\$153,000									
NL-7 ¹⁶	Construct pond adjacent to creek	E	\$139,000									
Bassett Creek Main Stem												
BC-1 ¹³	Pond BC 10-3 (Option 4 in Bassett Creek Main Stem Plan)		\$0									
Crystal Boundary to Regent Ave ²⁰	Channel restoration	E	\$636,000	\$34,800	\$601,200							
Wisconsin Ave to Crystal Boundary	Channel restoration	E	\$580,000		\$290,000	\$290,000						
BC3, BC5, BC7		E	1,300,000					\$15,800	\$984,200	\$300,000		
BC2, BC4, BC8		E	1,000,000				\$15,800	\$984,200				
Irving Avenue to Golden Valley Road ²²	Channel restoration	E	\$856,000			\$856,000						
Sweeney Lake Branch												
Court lawn Pond to Turners Crossing ¹⁷	Channel restoration	A	\$386,000									
North Branch												
36th Ave to Bassett Creek Park ²¹	Channel restoration	E	\$835,000		\$600,000	\$235,000						
Grimes, North, & South Rice Ponds												
GR-2	Grimes Pond wet detention pond (Option 4 in Rice and Grimes Ponds Plan)	E	\$104,000									\$104,000
Crane Lake												
CL-1	Ramada Inn detention/ skimming facility (Option 1 in Crane Lake Plan)	E	\$116,000									
CL-2 ¹⁸	Joy Lane Wet Detention Pond (Alt. #2)		\$0									
Turtle Lake												
	None Proposed											
Lost Lake												
	None Proposed											
			Capital Cost	2010	2011	2012	2013	2014	2015	2016	2017	2018
	ANNUAL ESTIMATED COST			\$937,262	\$1,491,200	\$1,561,000	\$1,201,800	\$1,000,000	\$984,200	\$1,000,000	\$454,000	\$177,000

Notes:

- Capital Cost does not include land acquisition costs, but does include legal, administration, and 25% additional for contingencies.
- Constructed by City.
- Periodically completed by City.
- This project includes dredging of accumulated sediment and was completed in 2006.
- Mn/DOT sound wall construction in New Hope will require relocation and resizing of storm sewer in this watershed.
- Treatment completed by the City of Plymouth in 2005, 2006, and 2008.
- Completed in 2006.
- Project authorized in 2006. Issues regarding participation by Mn/DOT and future maintenance have delayed construction, no current schedule.
- Project authorized in 2006. Issues regarding site contamination and right-of-way have delayed construction, no current schedule.
- Project completed in 2006.
- The City of New Hope constructed NB-35A, B, C but not to the same degree as proposed in the lake and watershed management plan. NB-29 A and B have not been constructed. These improvements will need to be re-evaluated as part of the feasibility study. Costs shown are for NB-29A and B only. Costs will be added to the CIP to upgrade these ponds if the feasibility study indicates that they should be upgraded.
- The City of New Hope constructed NB-28A and B. NB-36A, NB-37A and NB-38A were completed in 2006.
- This project was completed as part of the Boone Ave and Brookview Golf Course improvement projects in 2004.
- Project approved for construction in 2006, to be completed as part of street repaving project.
- Minor Plan Amendment approved April 2007. Project to be completed in 2010.
- Minor Plan Amendment approved September 2007. Project completed in 2009.
- Minor Plan Amendment approved August 2007. Project completed in 2008.
- Not feasible per city of Minnetonka in 2008.
- Minor Plan Amendment approved June 2009. Project PC-1 to be completed in 2011.
- Minor Plan Amendment approved June 2009.
- Project construction proposed to start in 2011 using CIP reserve funds.
- Major Plan Amendment approved August 2011.
- Minor Plan Amendment approved August 2012. The Four Seasons Mall Area Water Quality Project includes construction of two new water quality treatment ponds and restoration of an eroding stream channel. One of the ponds will be located on the Four Seasons Mall site; the other pond will be located southwest of the mall site, near the intersection of 40th Ave. N. and Pilgrim Lane. The original proposed project (from the 1996 Northwood Lake Watershed and Lake Management Plan) was to dredge and enlarge pond NB-07 to provide additional treatment of stormwater runoff. The 2012 feasibility study for the Four Seasons Mall Area Water Quality Project concluded that it was not feasible to convert pond NB-07 (a wetland) to a stormwater pond. The feasibility study also included two scenarios as alternatives to the proposed dredging. The Commission selected Scenario 1 as their preferred alternative.

Appendix D

Web Site Usage Report

Table of Contents

- General Statistics
- Resources Accessed
- Visitors & Demographics
- Activity Statistics
- Technical Statistics
- Browsers & Platforms



Complete Report - Current Year 2011
www.bassettcreekwmo.org

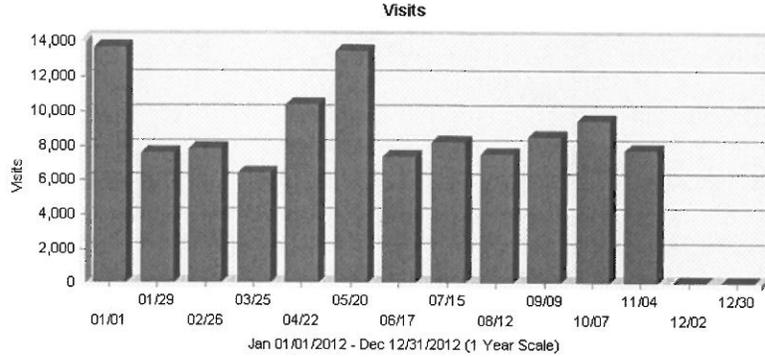
01/01/2012 00:00:00 - 12/31/2012 23:59:59

Tuesday April 02, 2013 - 12:39:14

General Statistics

Help

The Visits graph displays the overall number of visits to your Web site. The General Statistics table provides an overview of the activity for your Web site during the specified time frame.



General Statistics

Hits	Entire Site (Successful)	818,951
	Average per Day	2,237
	Home Page	69,606
Page Views	Page Views	681,566
	Average per Day	1,862
	Average per Unique Visitor	46
Visits	Document Views	117,128
	Visits	108,090
	Average per Day	295
	Average Visit Length	01:37:01
	Median Visit Length	00:29:59
	International Visits	10.26%
	Visits of Unknown Origin	42.84%